

Louisville Metro Public Health Address

LaQuandra S. Nesbitt, MD, MPH

Director, LMPHW

March 6, 2012

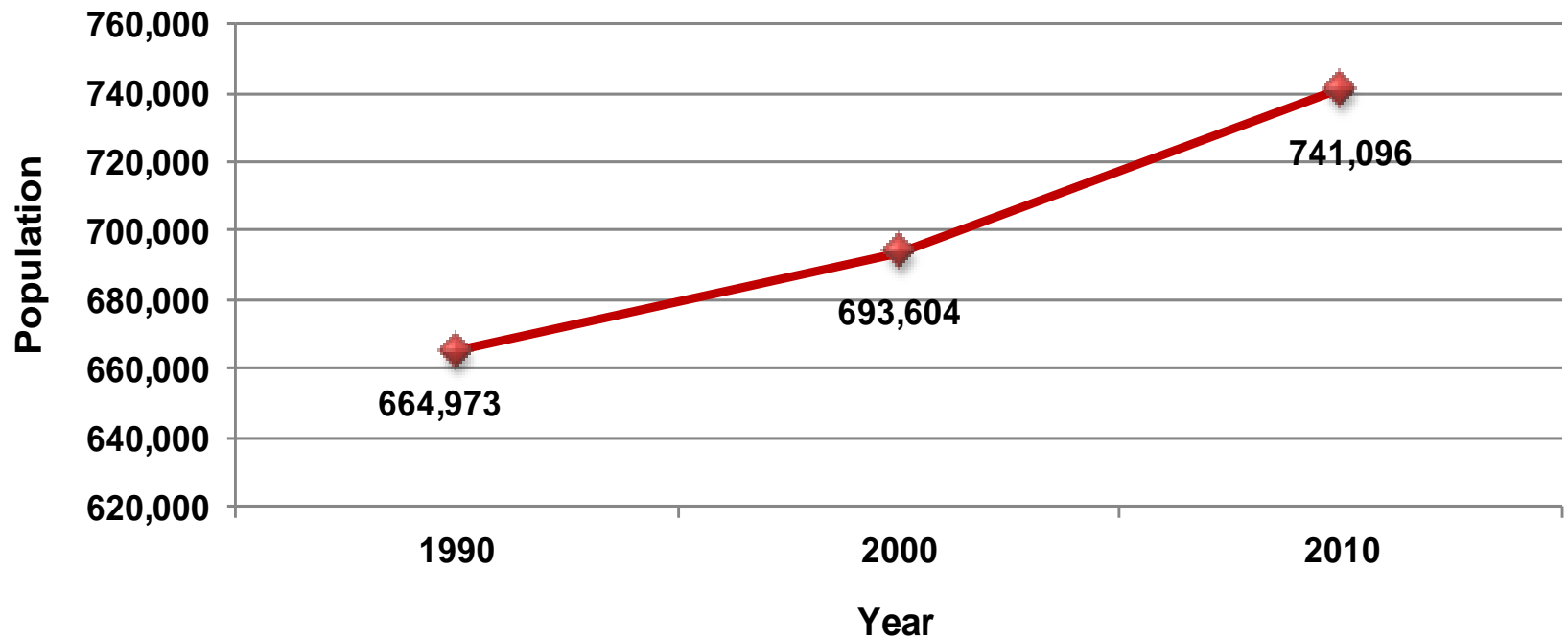
Agenda

- Louisville Metro Demographics
- Louisville Metro Health Status
- Public Health Approach to Improving Health Outcomes
- Get Involved/Next Steps

LOUISVILLE METRO DEMOGRAPHICS

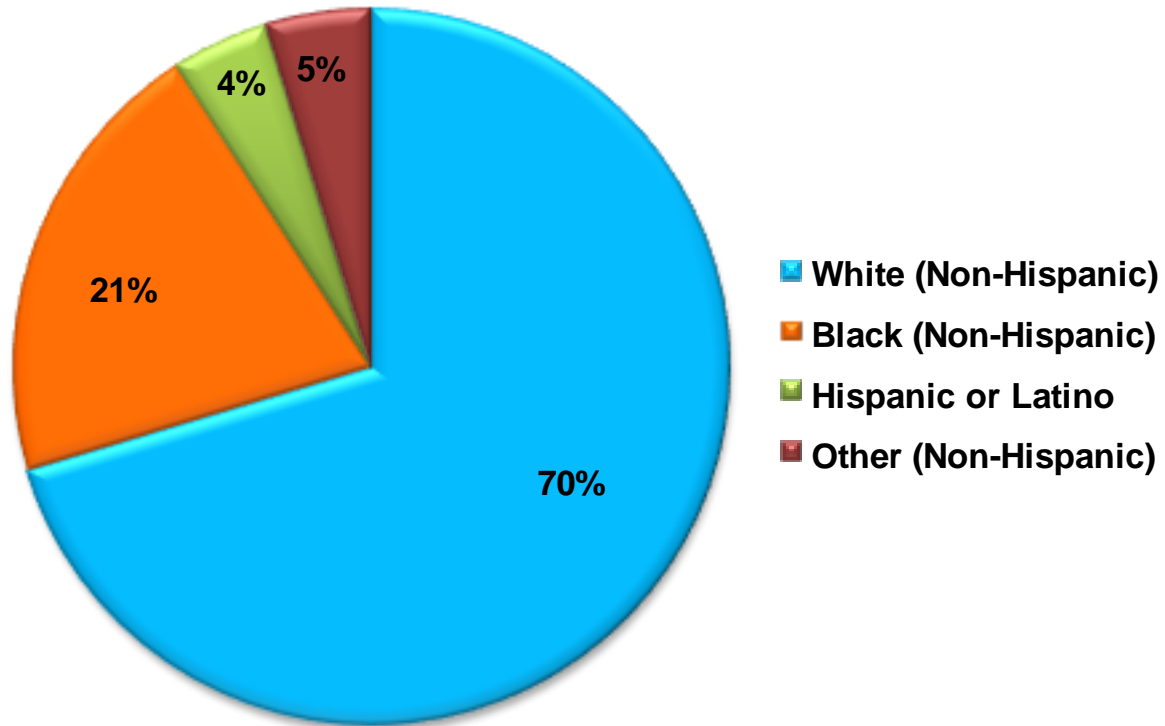
LM Population

Decennial Population Trends Louisville Metro

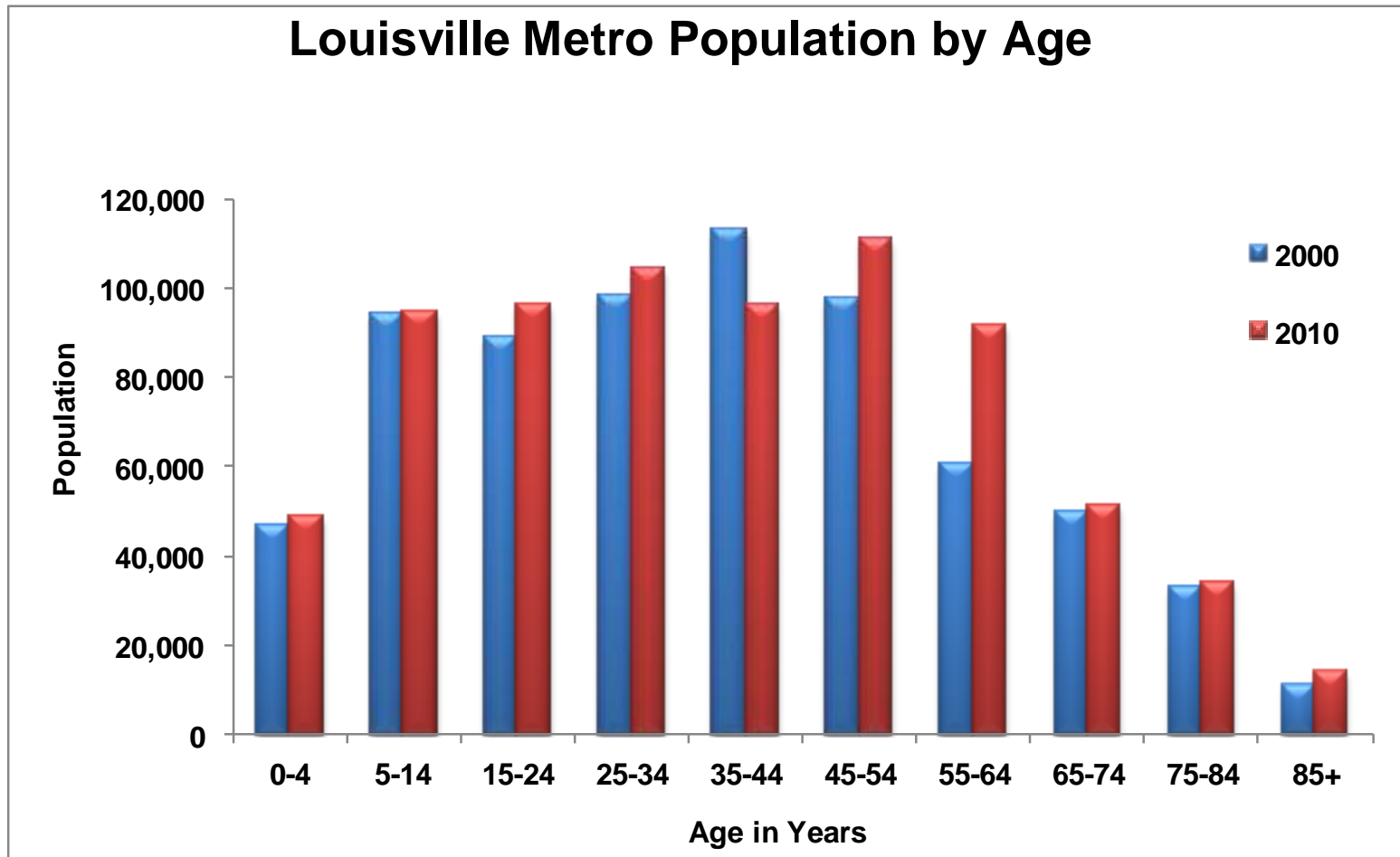


LM Population

Population by Race/Ethnicity, 2010

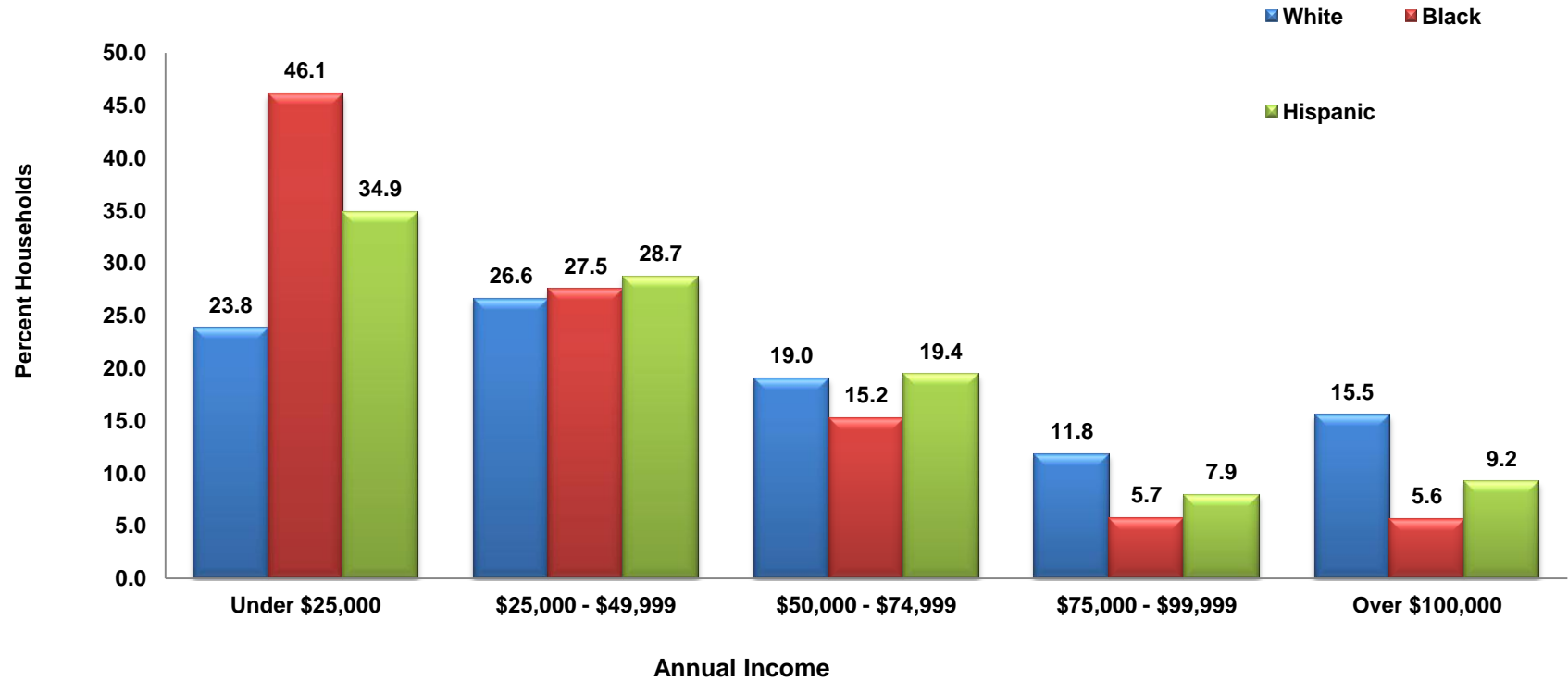


LM Population



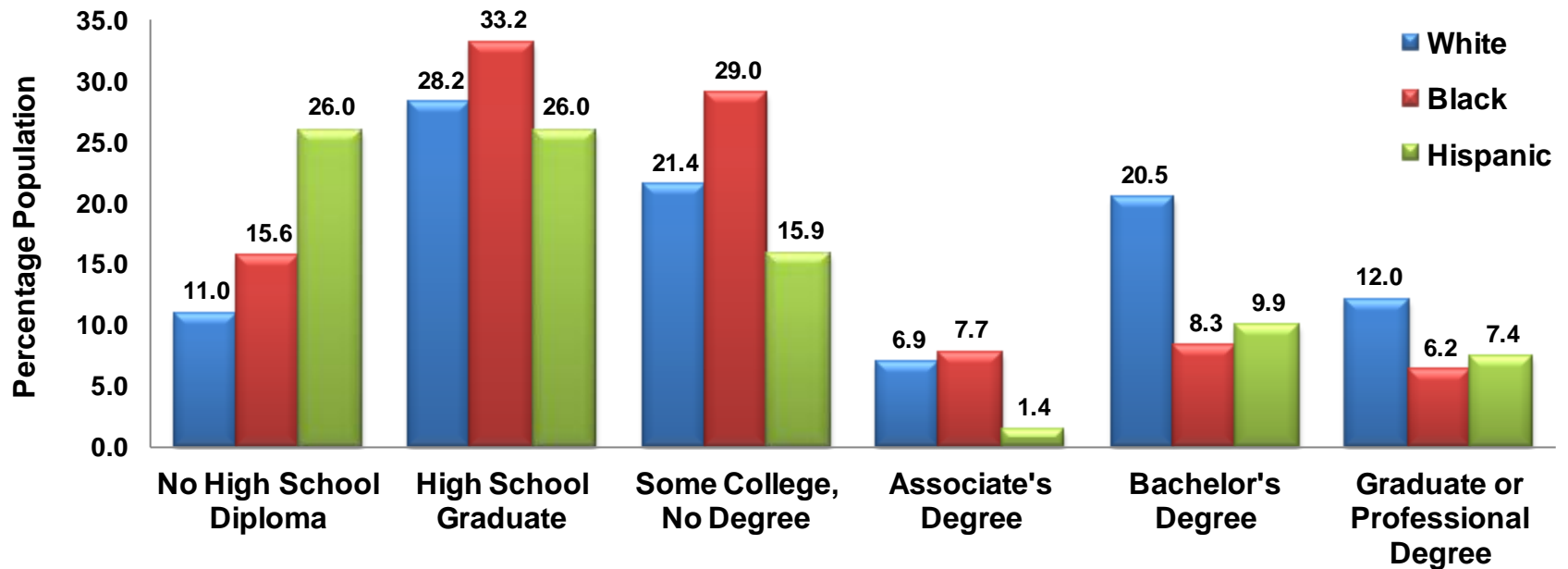
LM Income

**Annual Household Income by Race/Ethnicity
Louisville Metro, 2009**

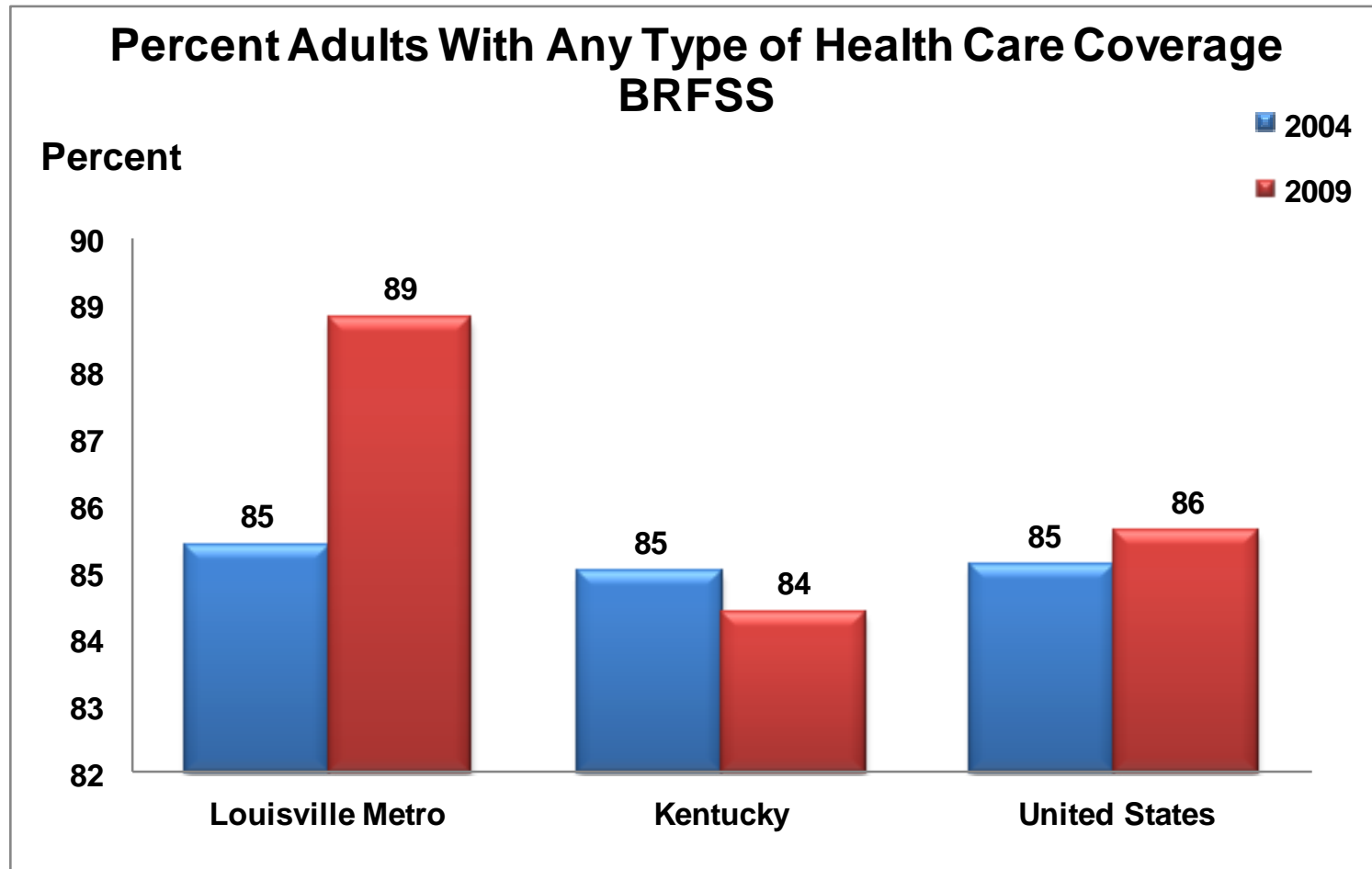


LM Education

Educational Attainment Among Adults Aged 25 and Older by Race and Ethnicity, Louisville Metro, 2009 Estimates

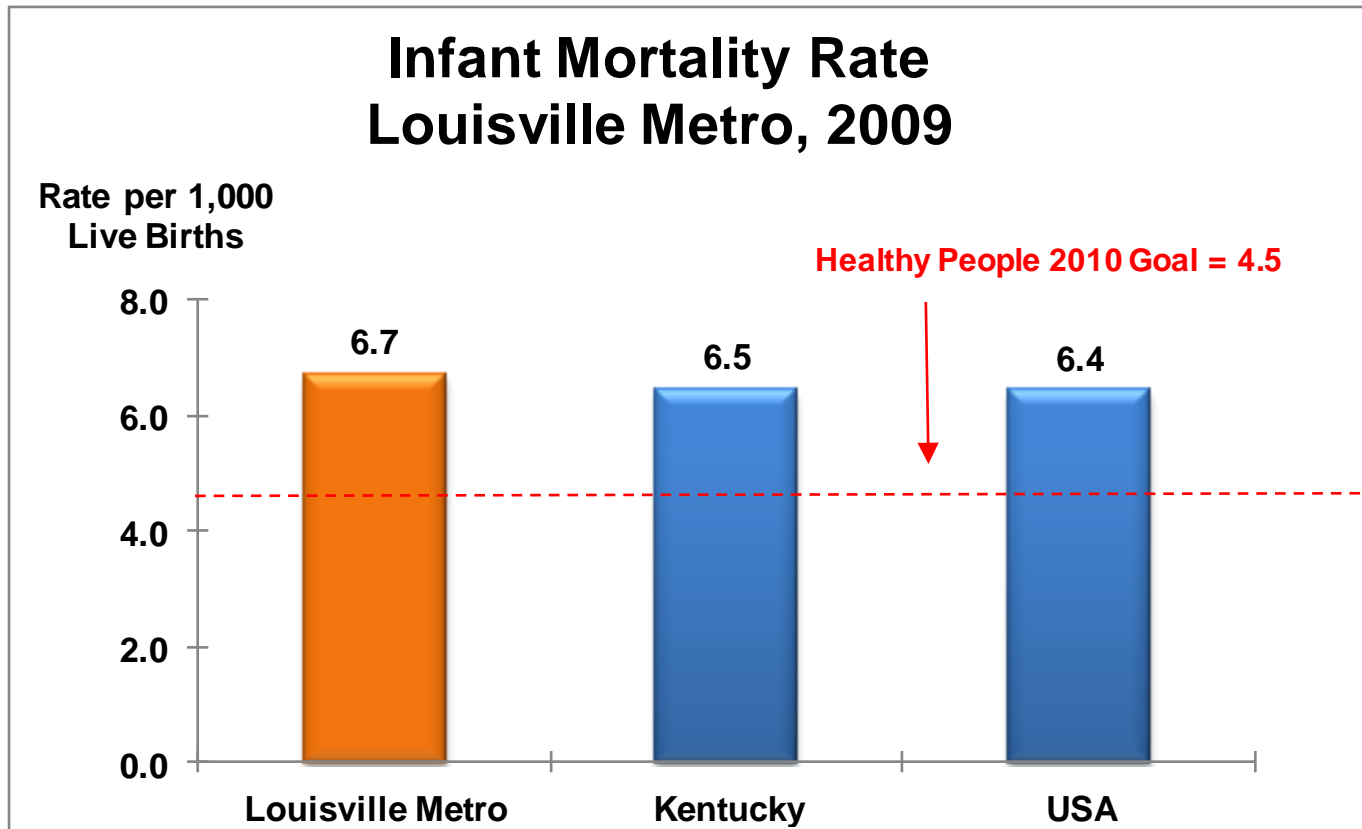


LM Health Care Coverage

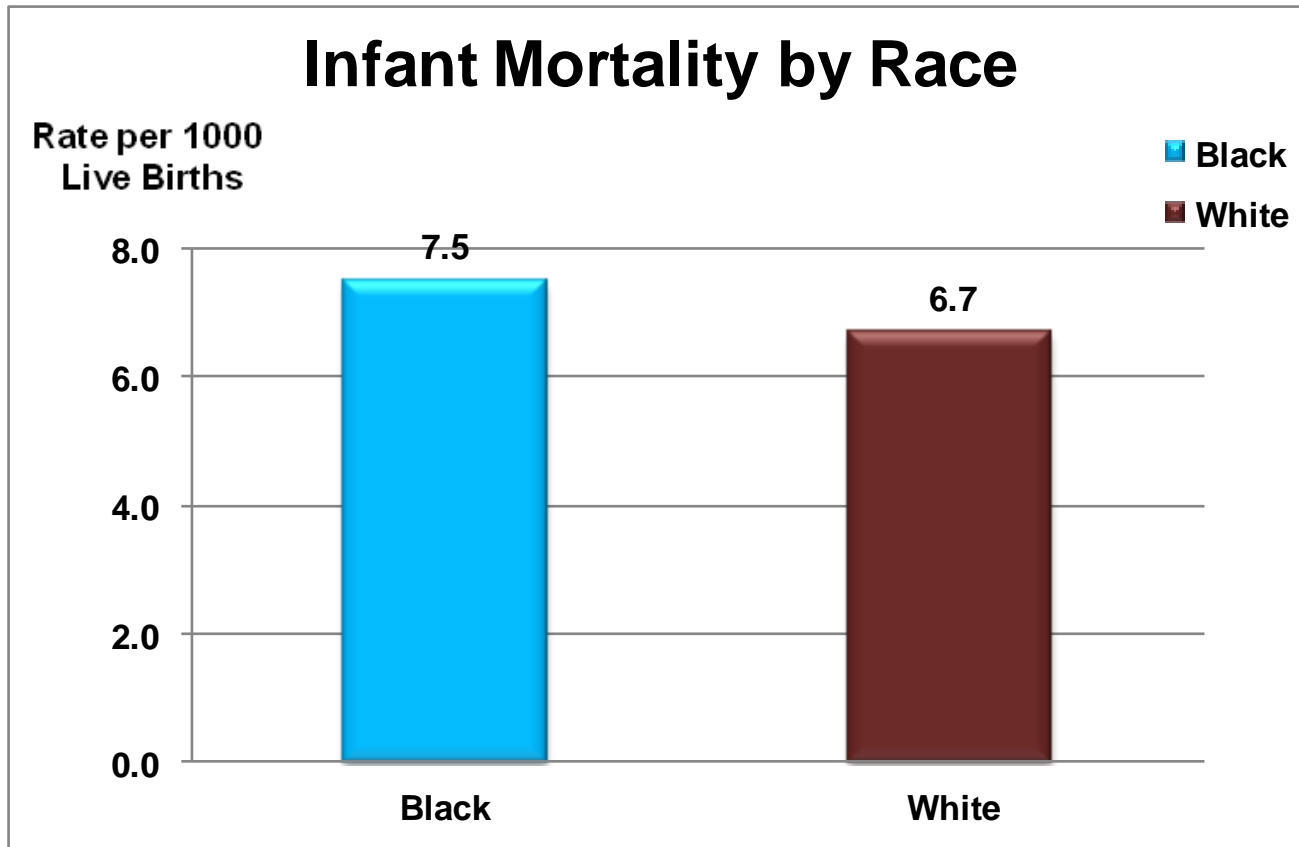


LOUISVILLE METRO HEALTH STATUS

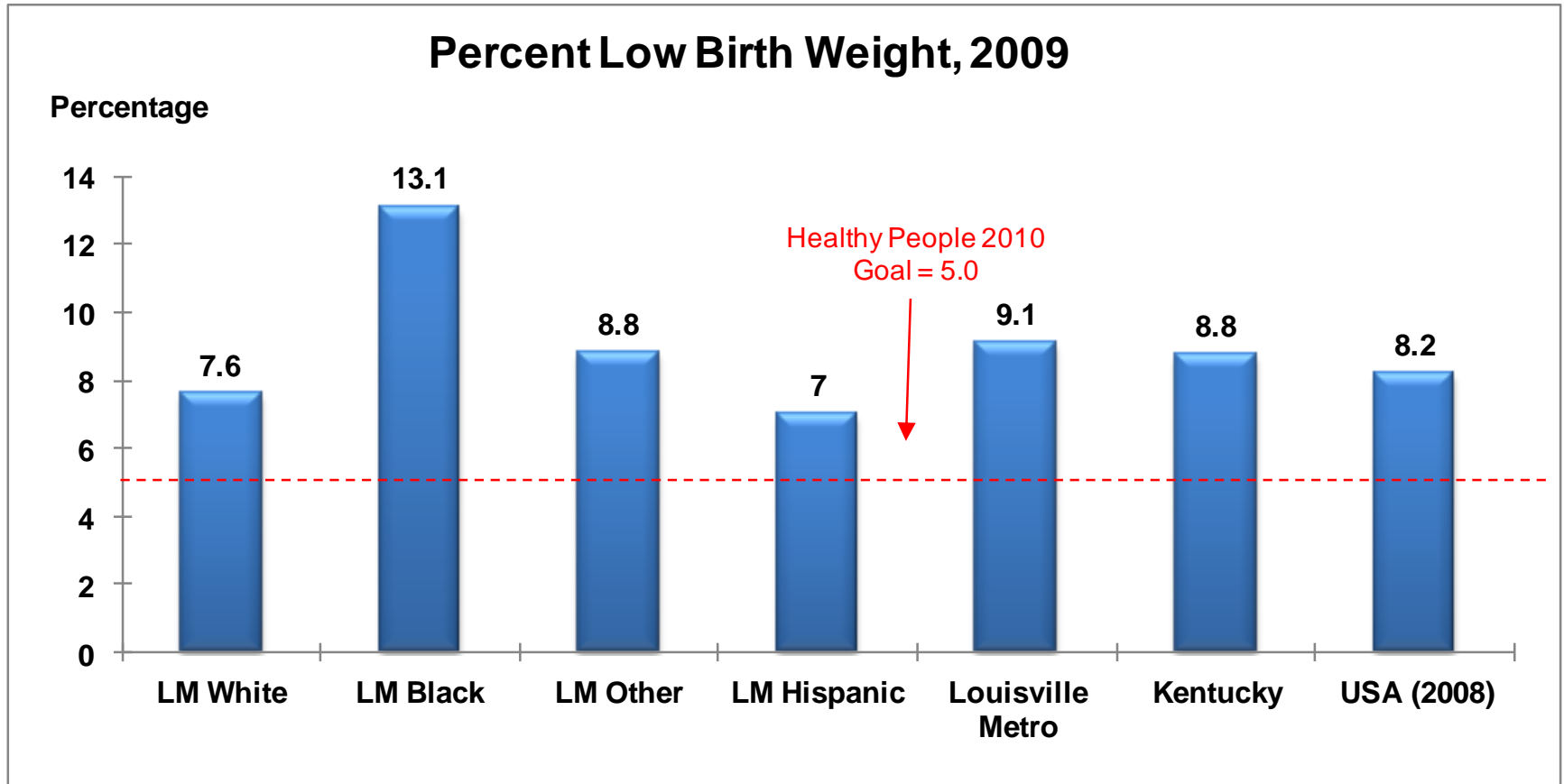
Infant Mortality



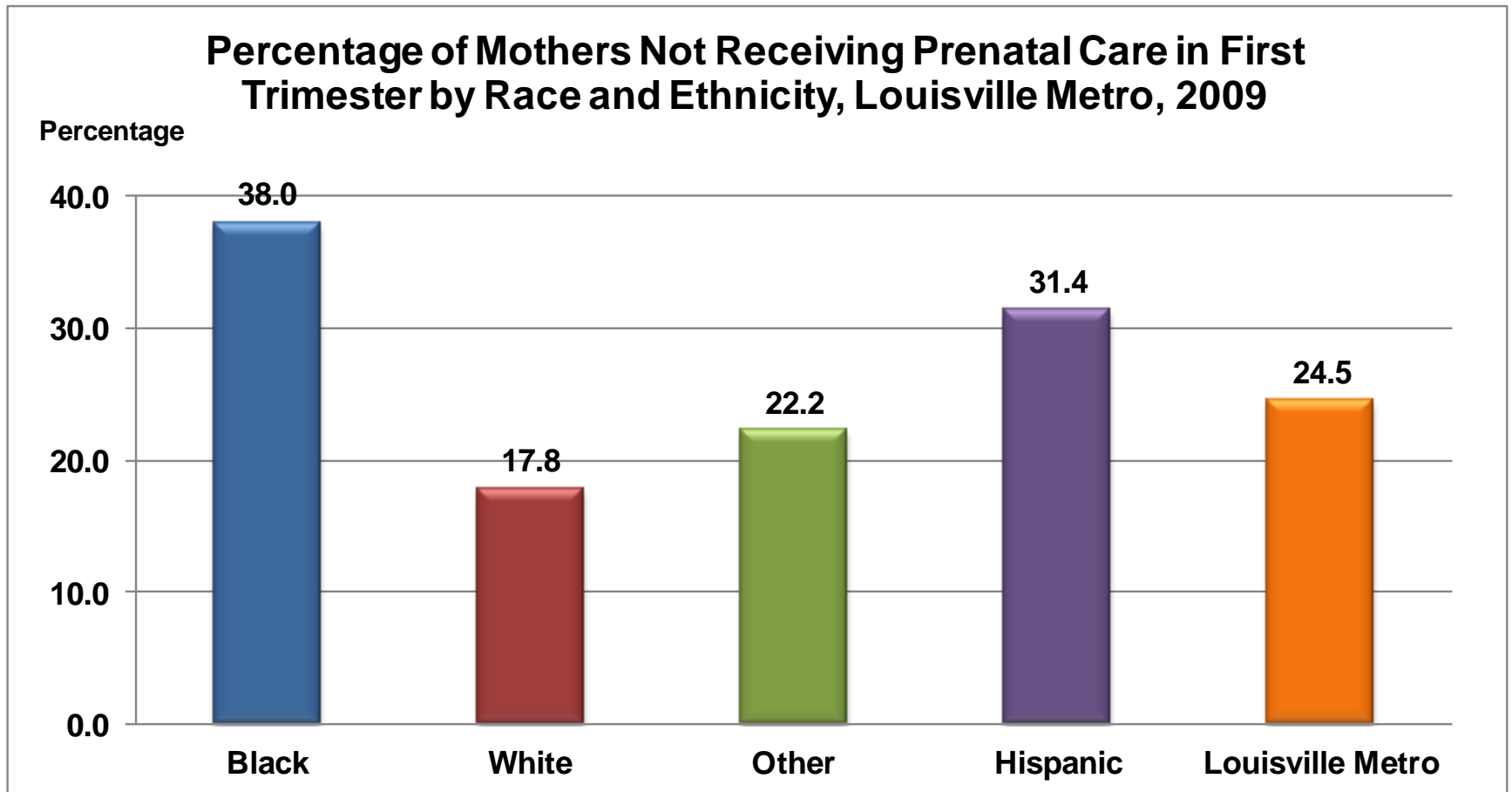
Infant Mortality



Infant Mortality

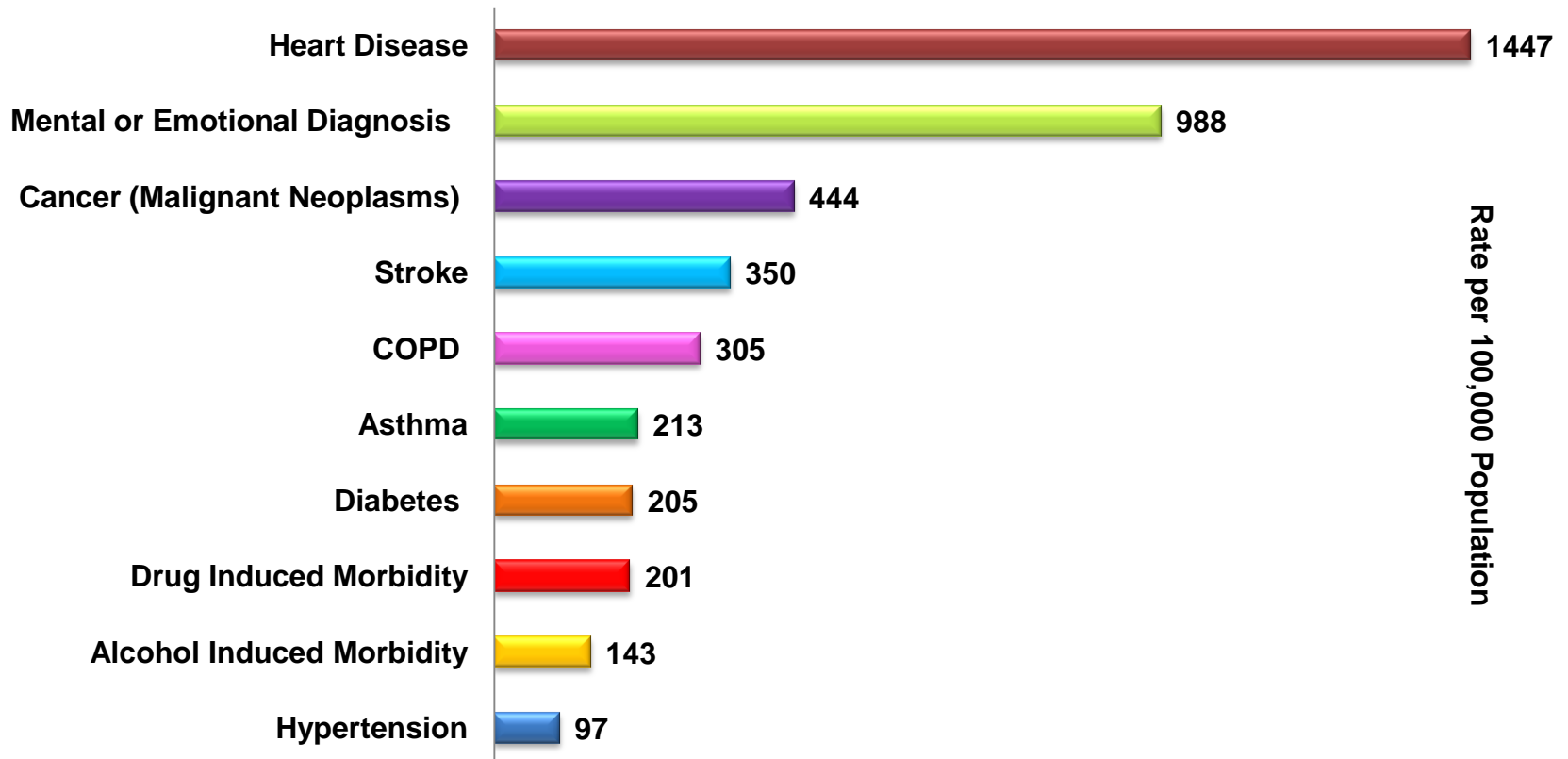


Infant Mortality



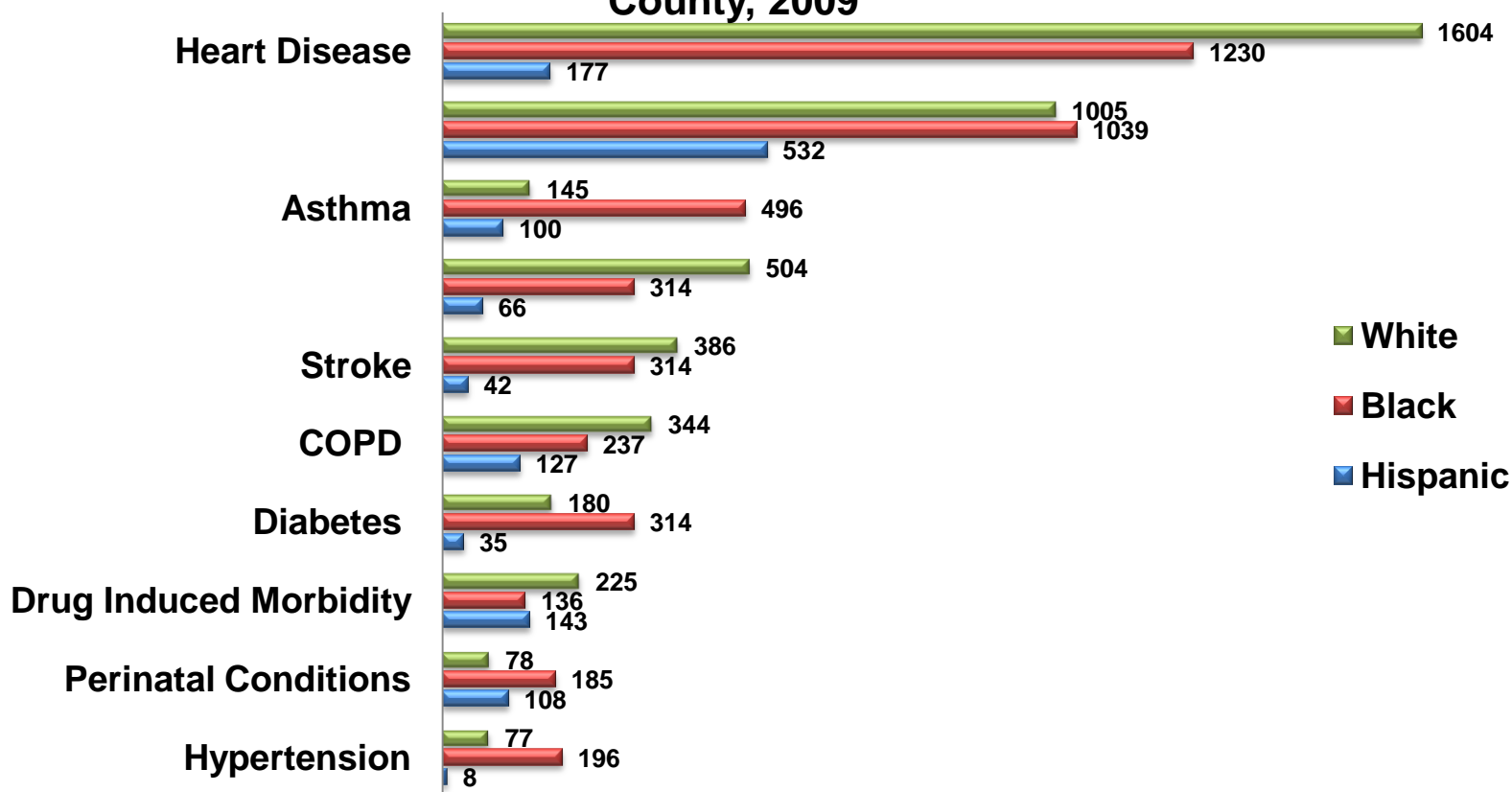
Morbidity

Top 10 Primary Health Conditions Responsible for Inpatient Hospitalizations (Rate per 100,000), Jefferson County, 2009



Morbidity

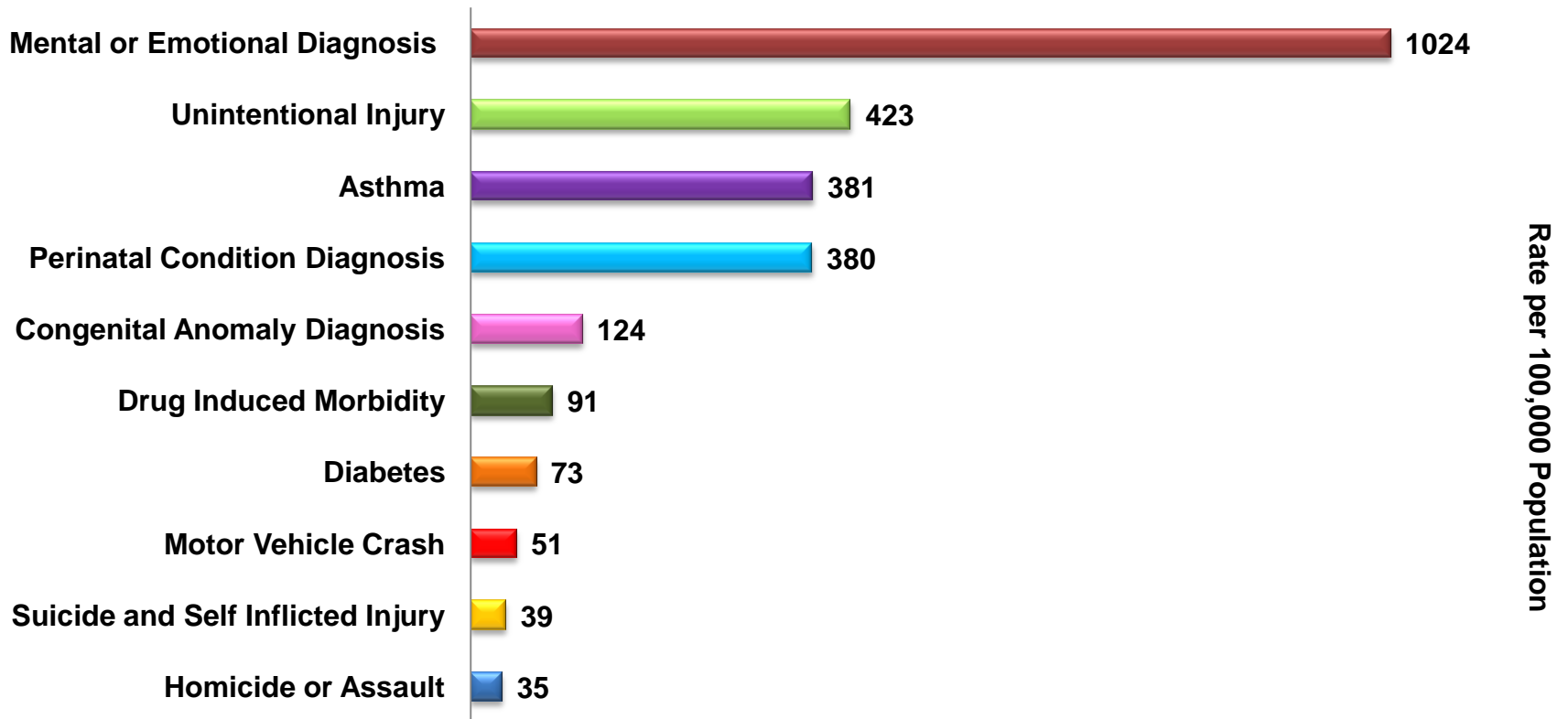
Top 10 Primary Health Conditions Responsible for Inpatient Hospitalization by Race and Ethnicity (Rate per 100,000), Jefferson County, 2009



Rate per 100,000 Population

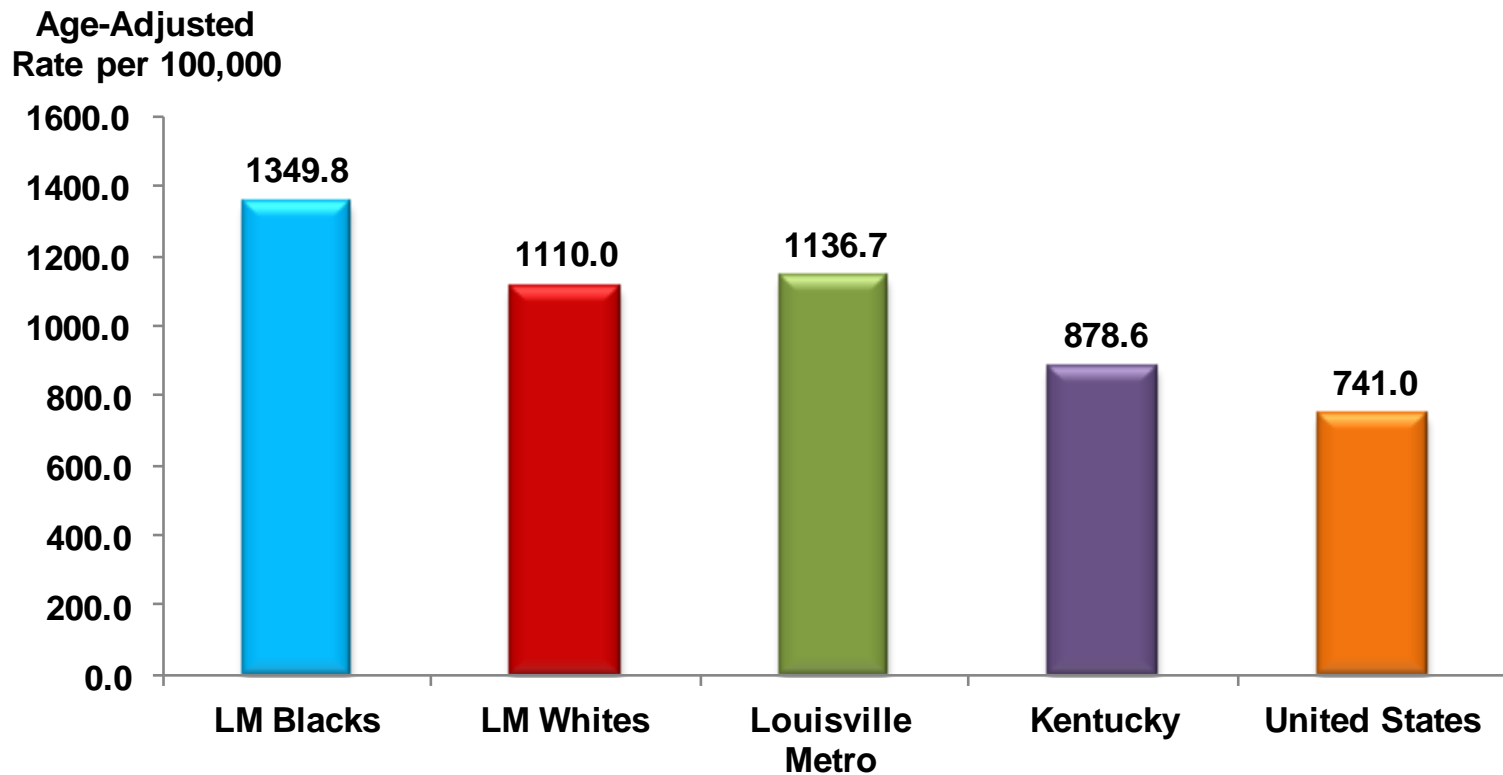
Morbidity

**Top 10 Primary Health Conditions Responsible for Inpatient Hospitalizations
(Rate per 100,000) Among Youth Below 20 Years Age, Jefferson County, 2009**



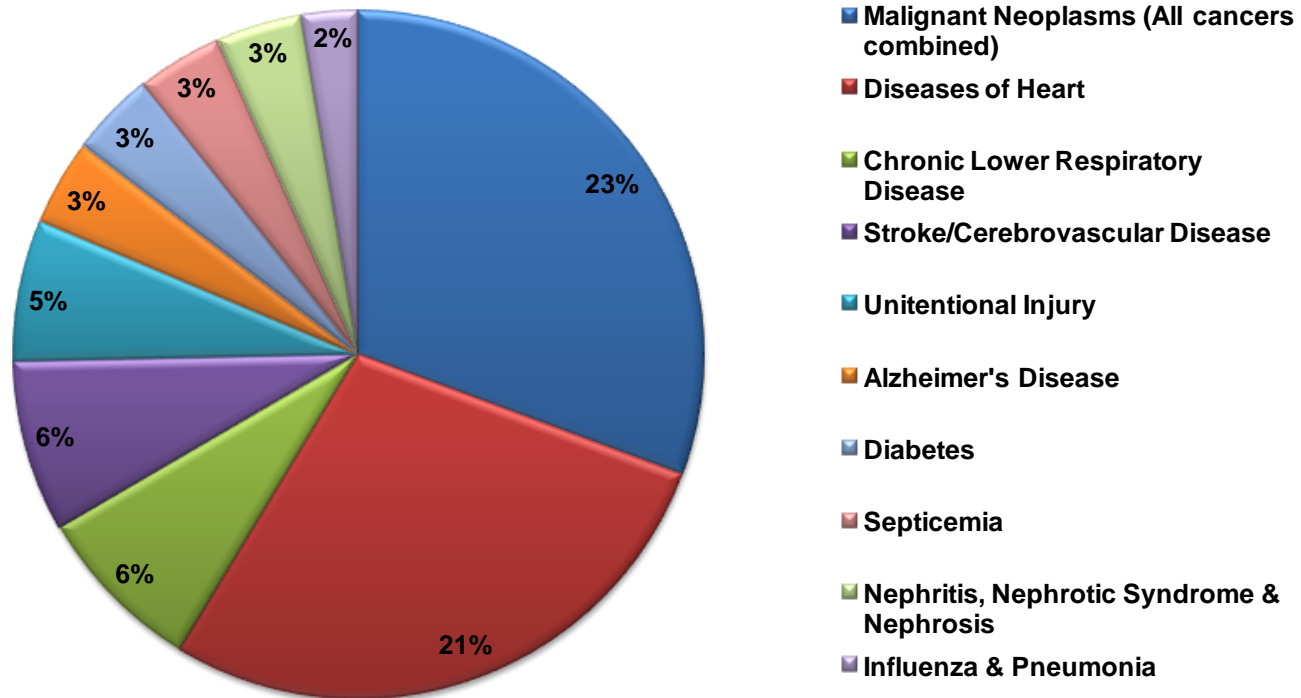
Mortality

**Age-Adjusted Death Rates from All Causes,
Louisville-Jefferson County, 2009**



Mortality

Percentage of Total Deaths Due to Leading Causes of Death
Louisville Metro, 2009

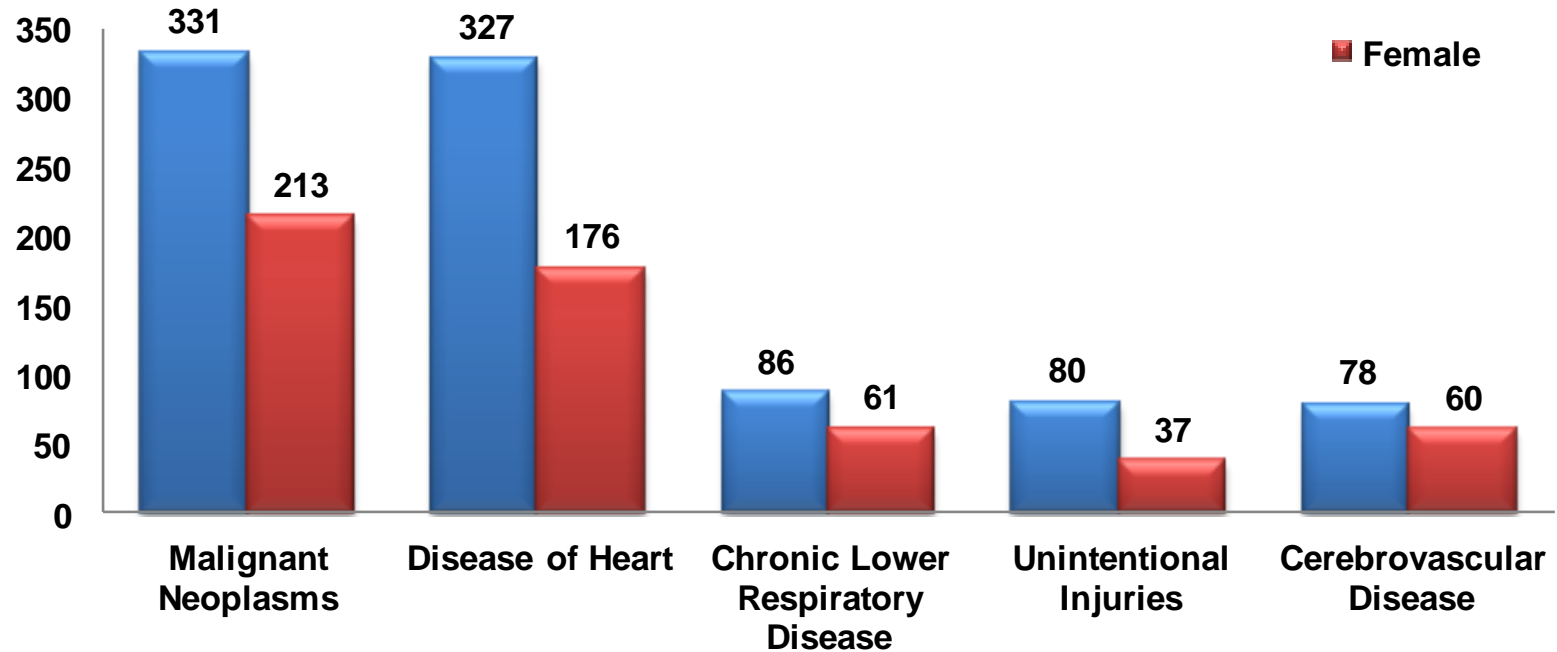


Mortality

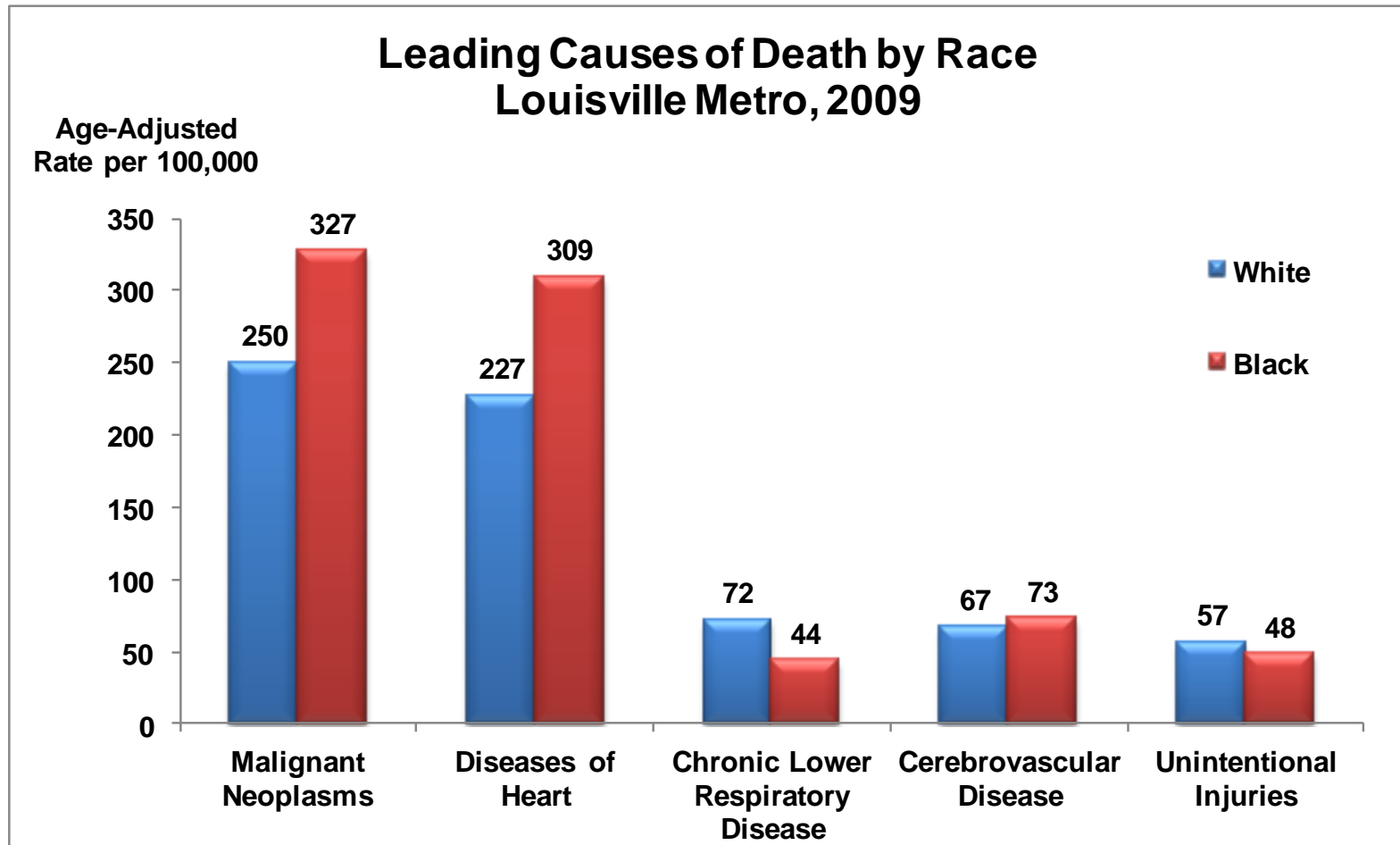
**Leading Causes of Death by Gender
Louisville Metro, 2009**

Age-Adjusted Rate
per 100,000

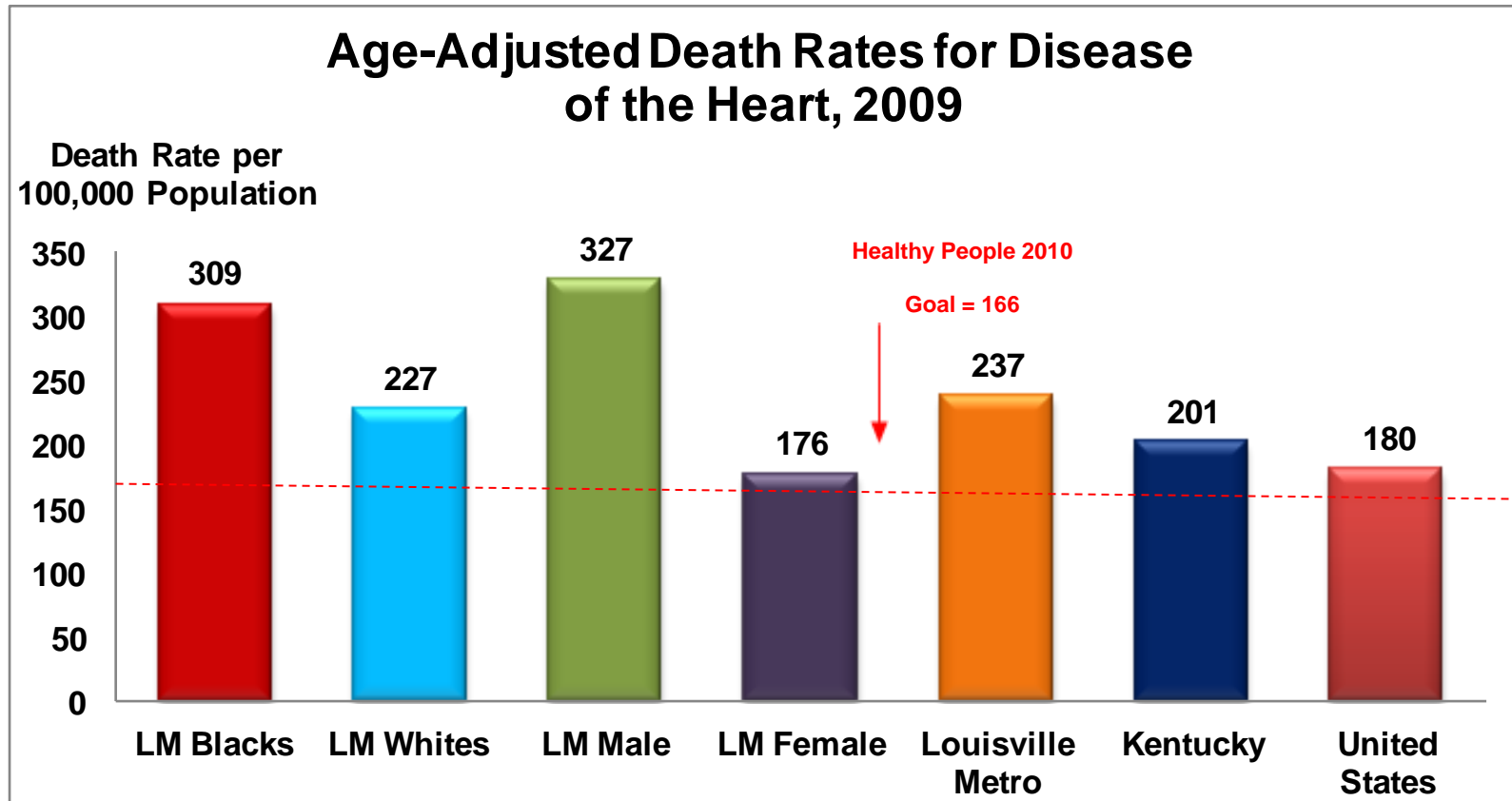
■ Male
■ Female



Mortality

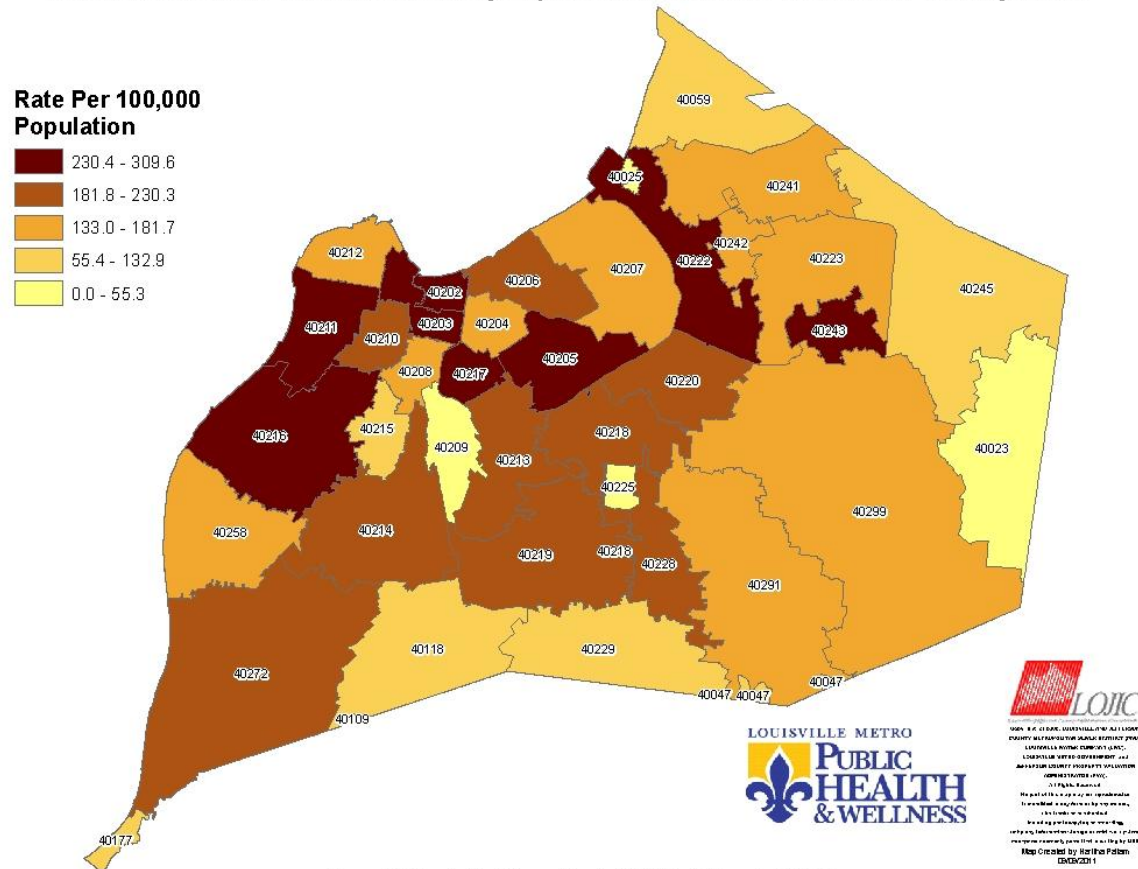


Heart Disease Mortality



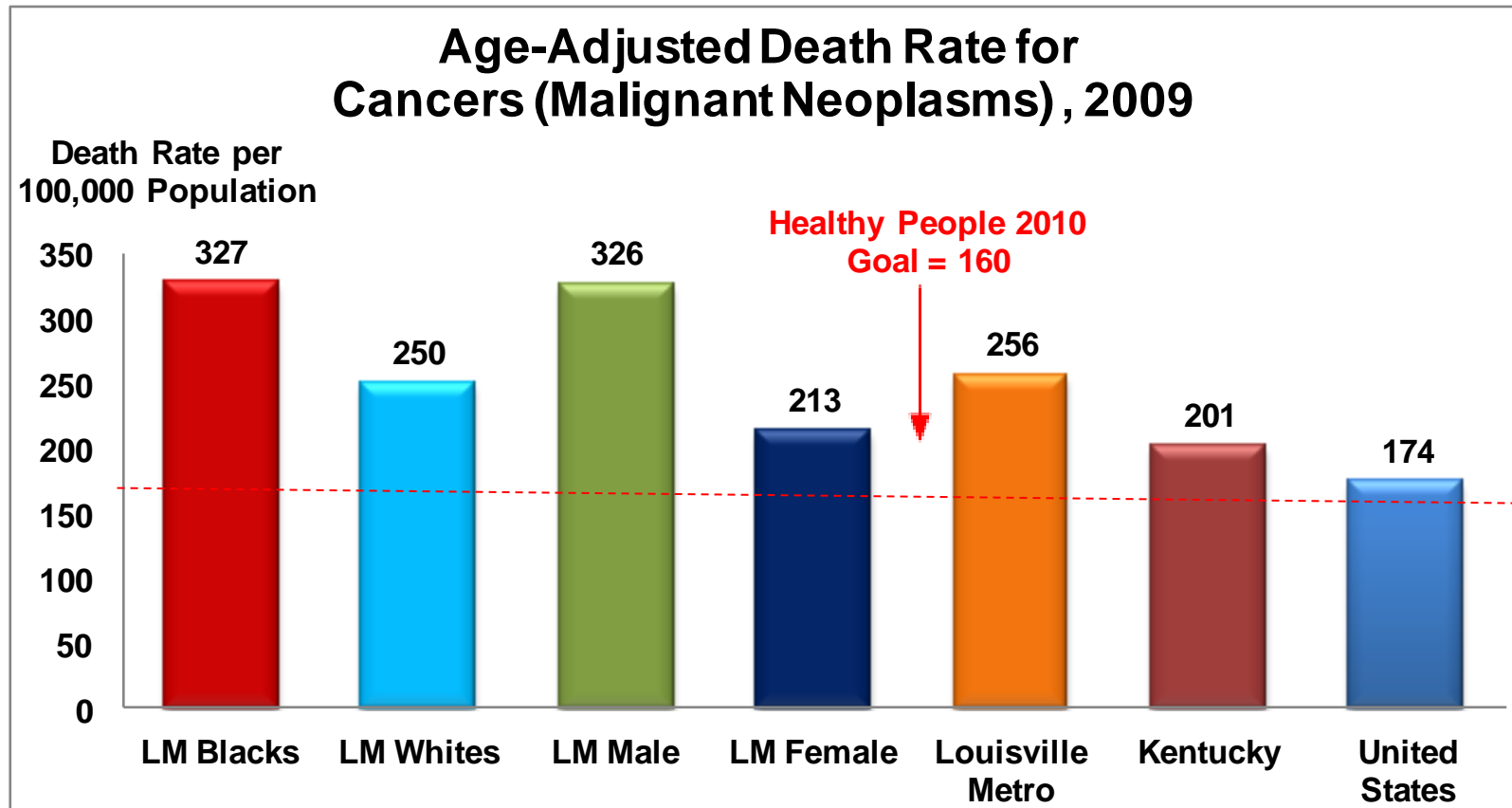
Heart Disease Mortality

Death Rate From Heart Disease by Zip Code, Louisville-Jefferson County, 2009

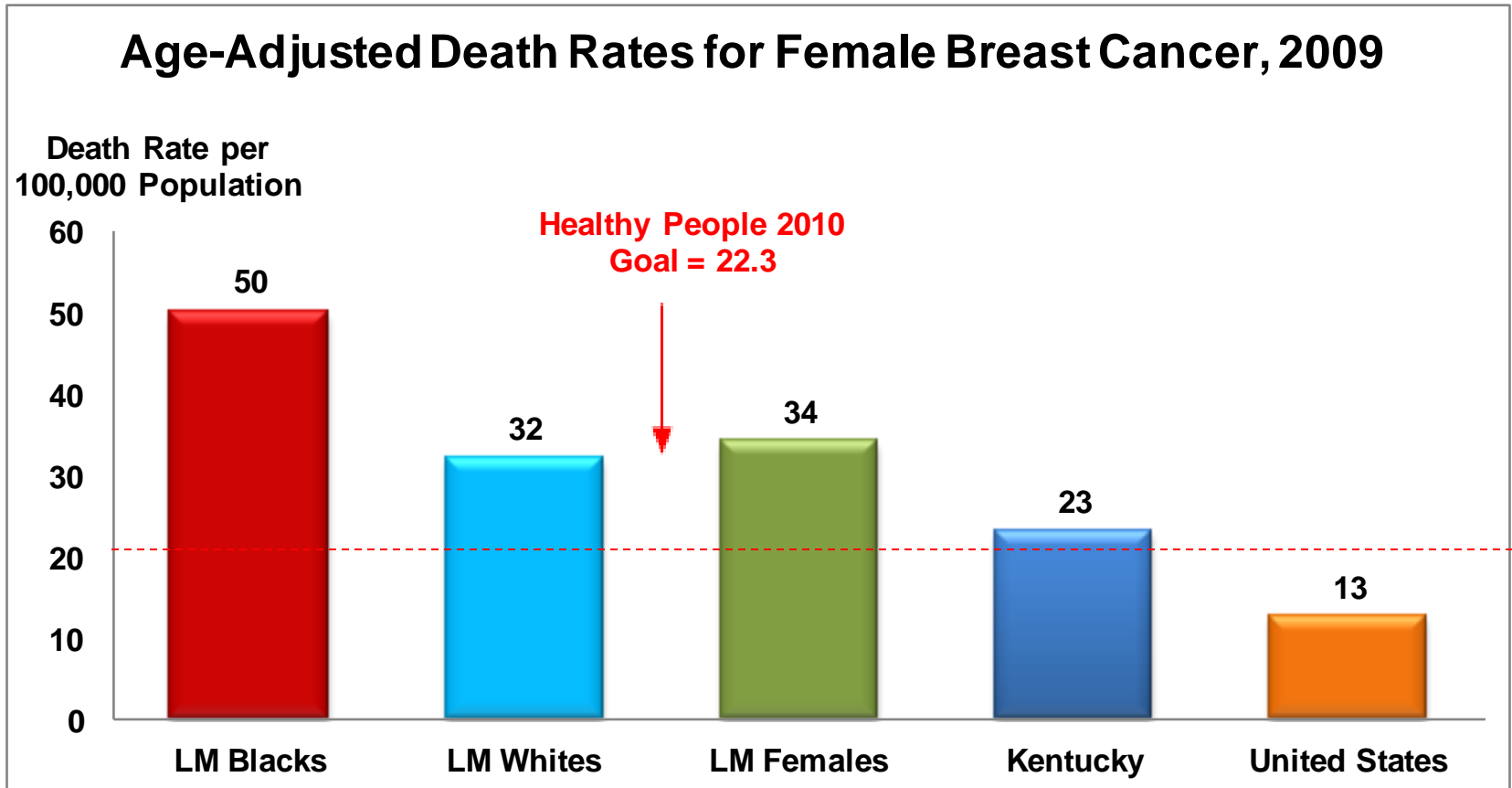


Source: 2009 Louisville-Jefferson County Official Death Records, LMPHW.

Cancer Mortality



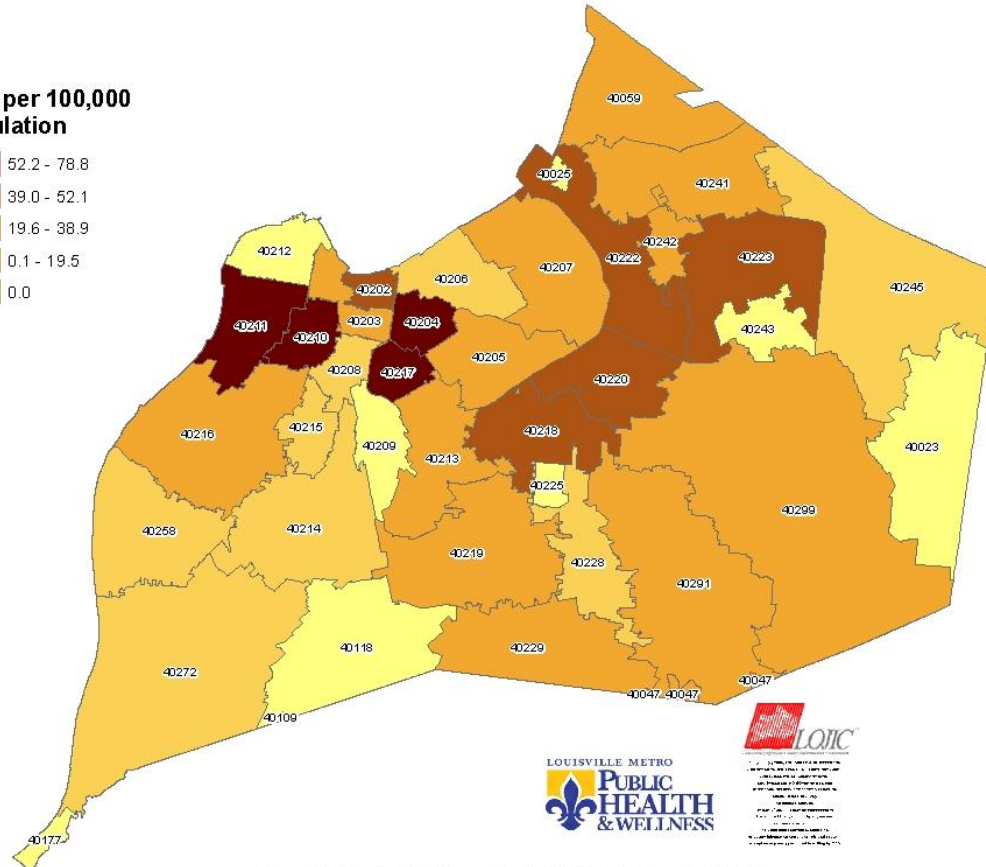
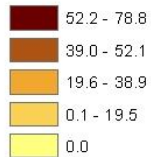
Breast Cancer Mortality



Breast Cancer Mortality

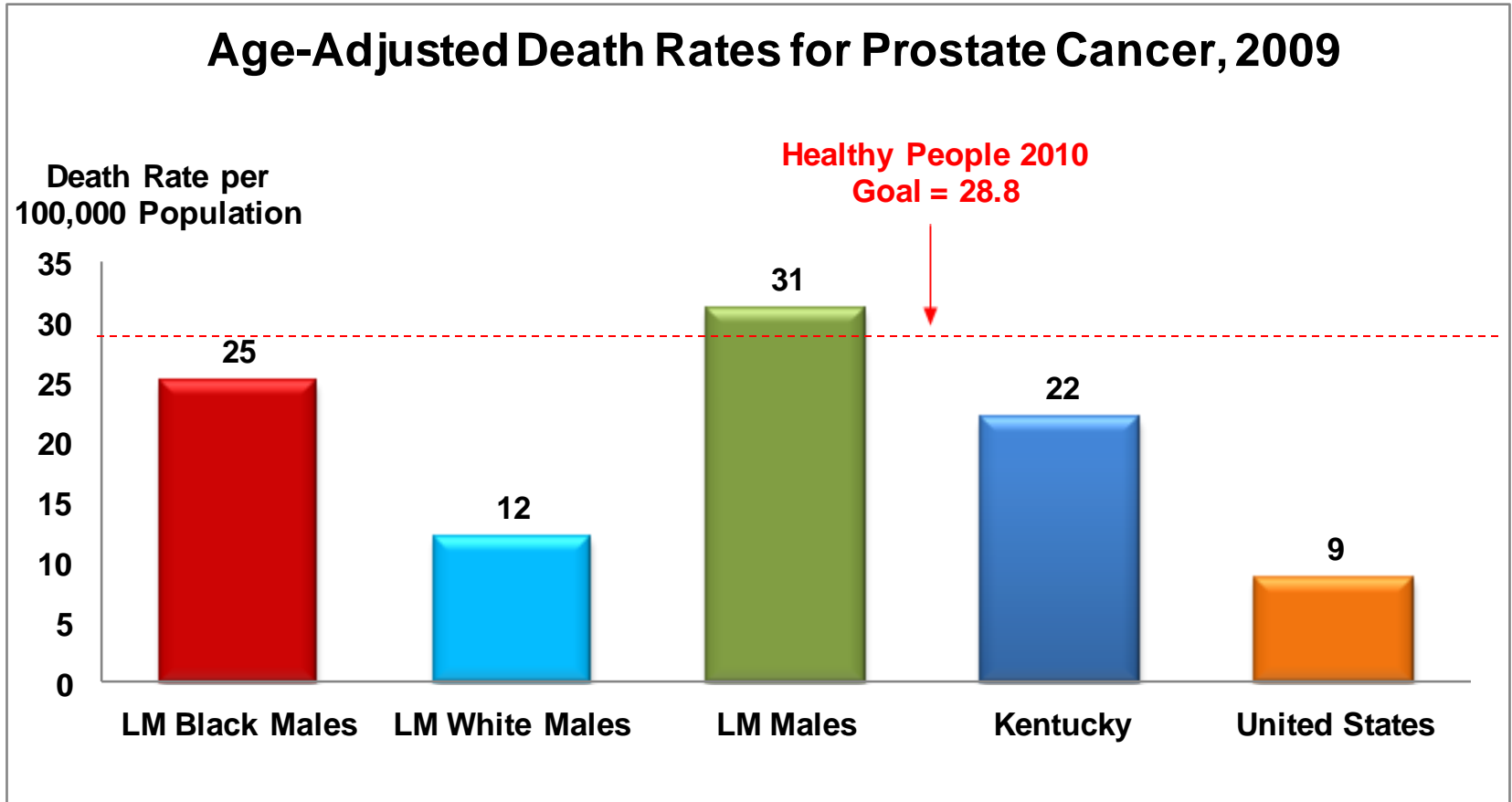
Death Rate From Breast Cancer by Zip Code, Louisville-Jefferson County, 2009

Rate per 100,000
Population



Source: 2009 Louisville-Jefferson County Official Death Records, LMPHW.

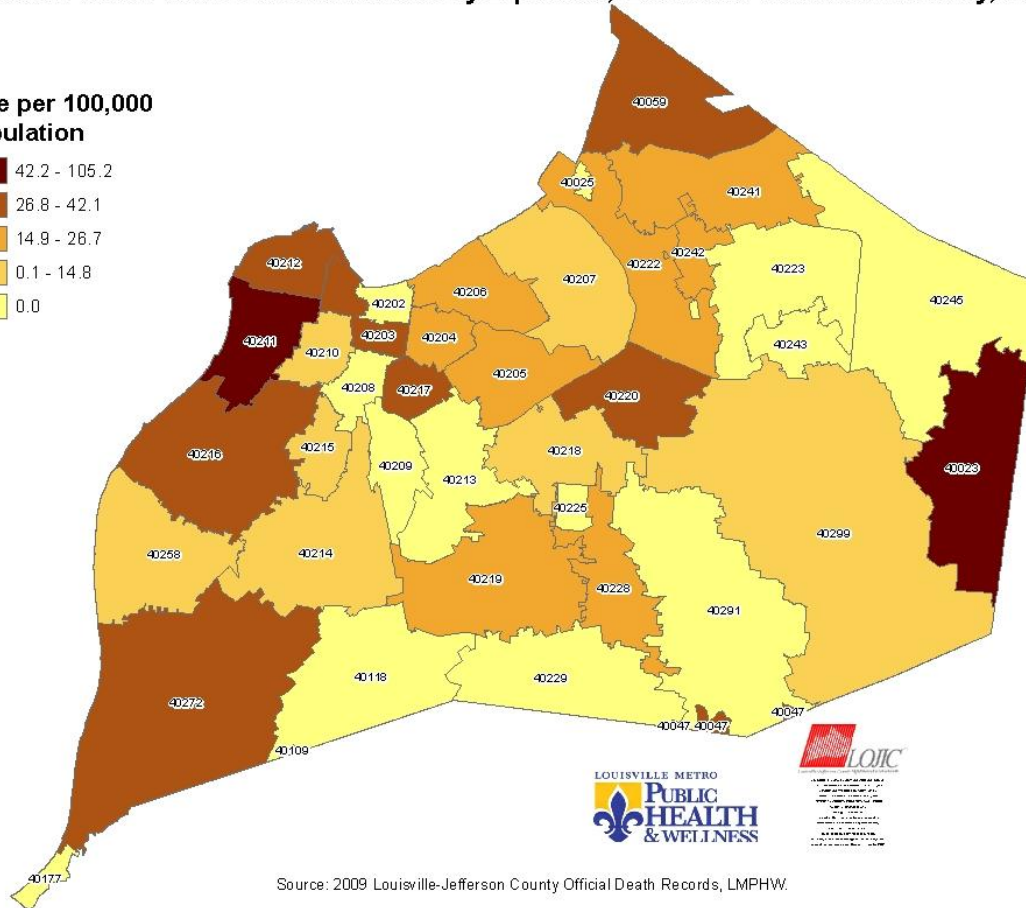
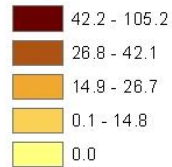
Prostate Cancer Mortality



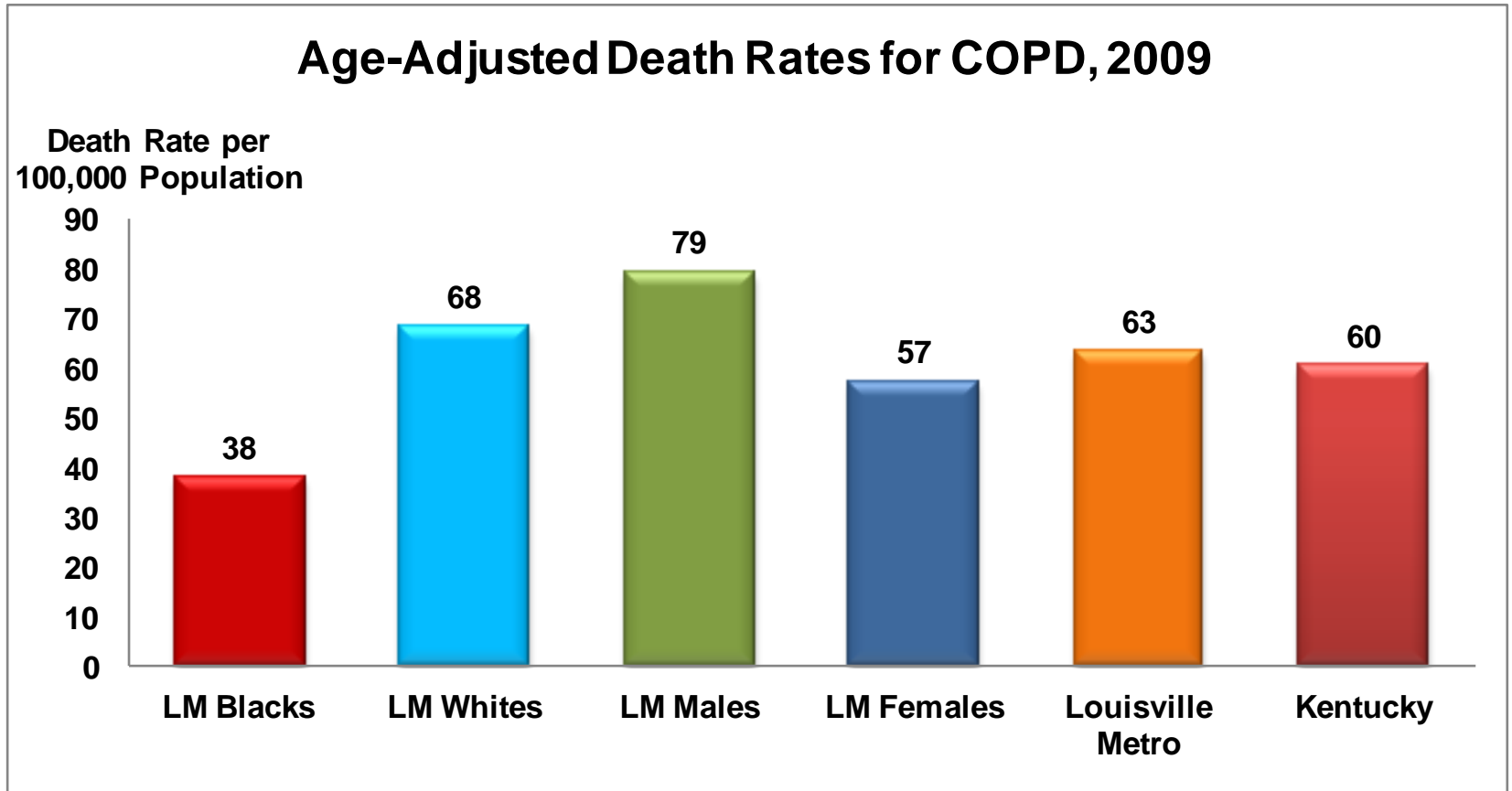
Prostate Cancer Mortality

Death Rate From Prostate Cancer by Zip Code, Louisville-Jefferson County, 2009

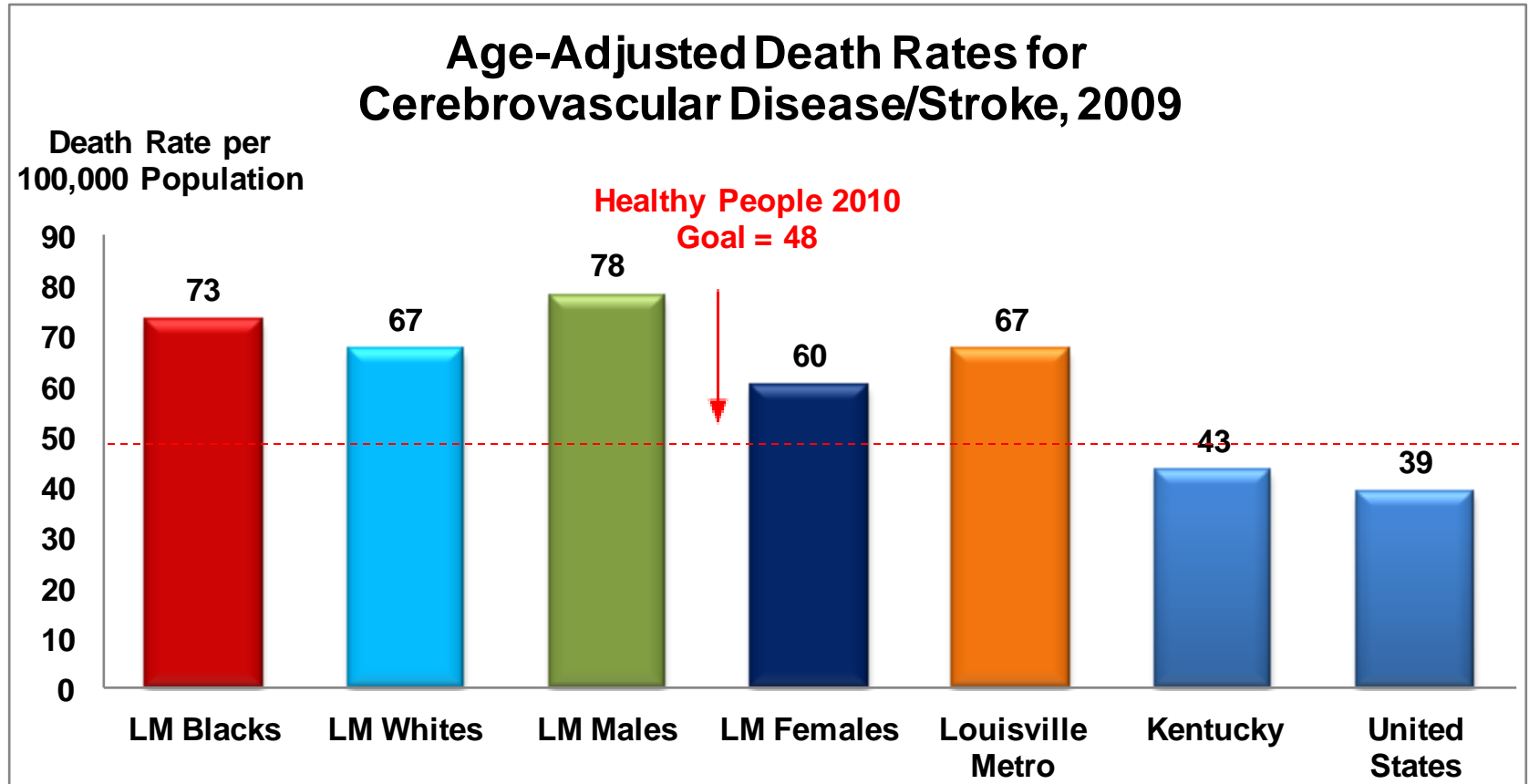
Rate per 100,000
Population



COPD Mortality

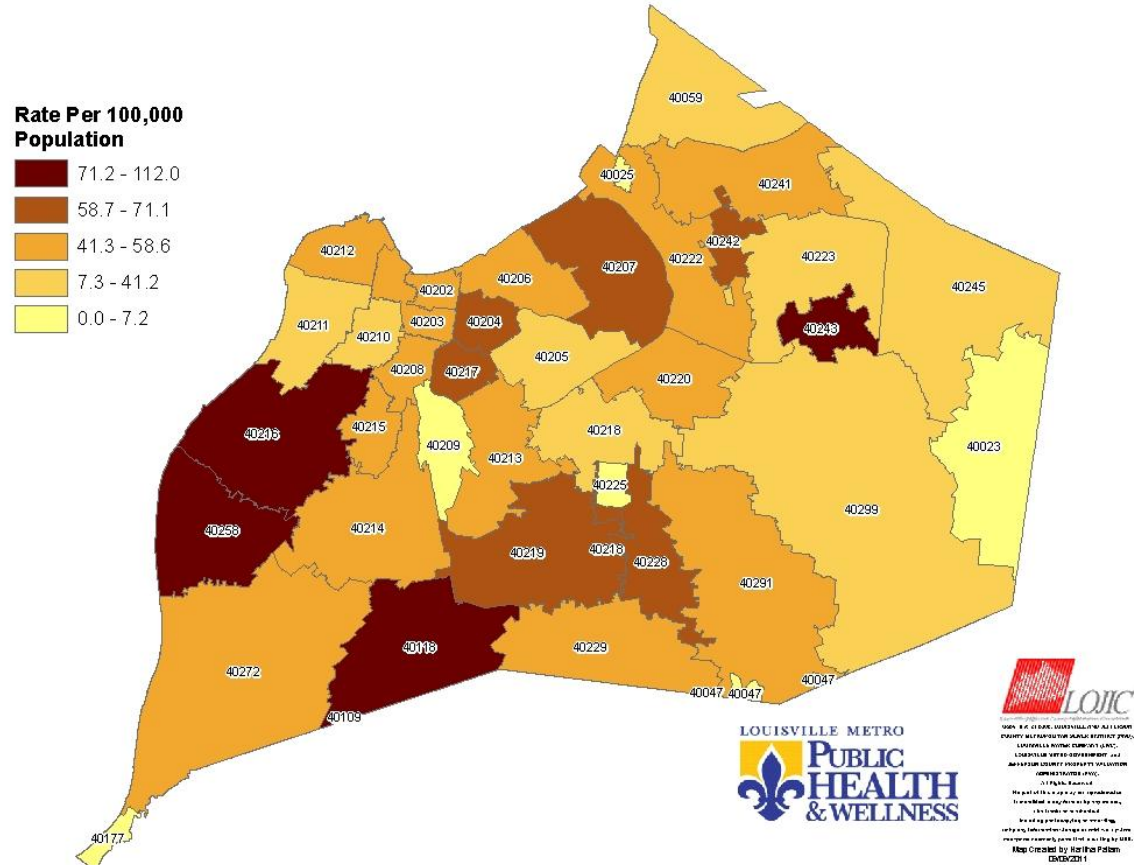


Stroke Mortality



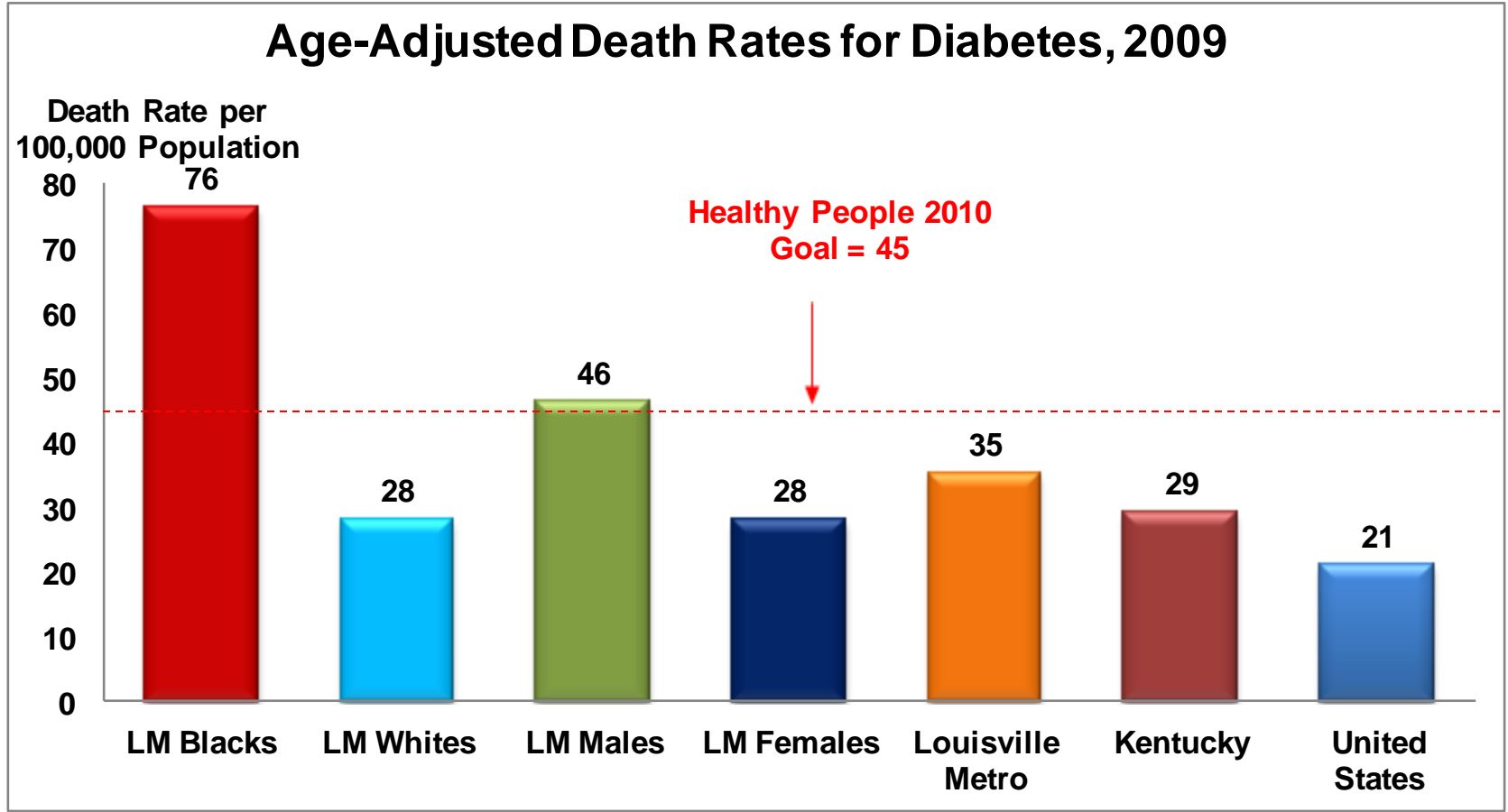
Stroke Mortality

Death Rate From Stroke by Zip Code, Louisville-Jefferson County, 2009

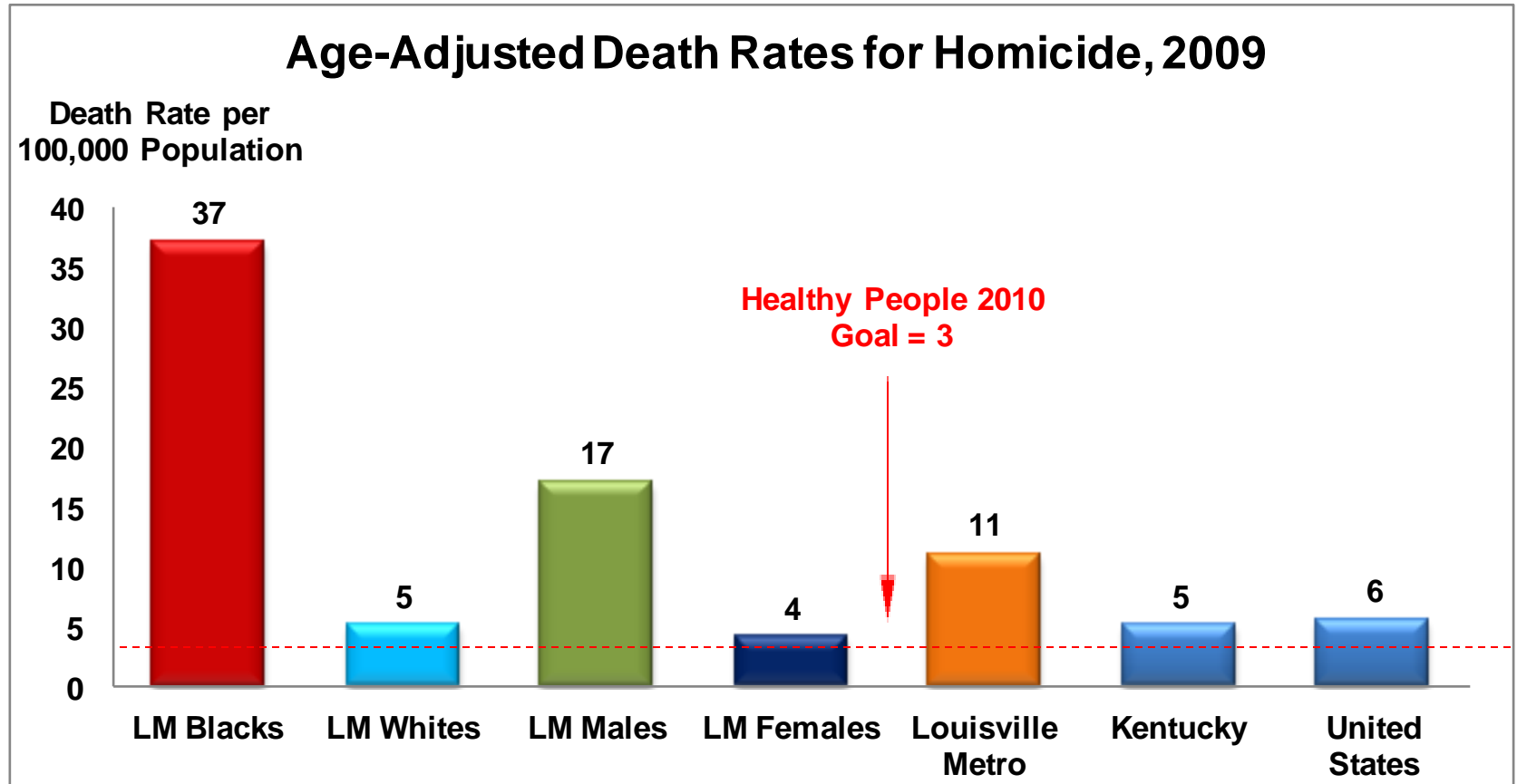


Source: 2009 Louisville-Jefferson County Official Death Records, LMPHW.

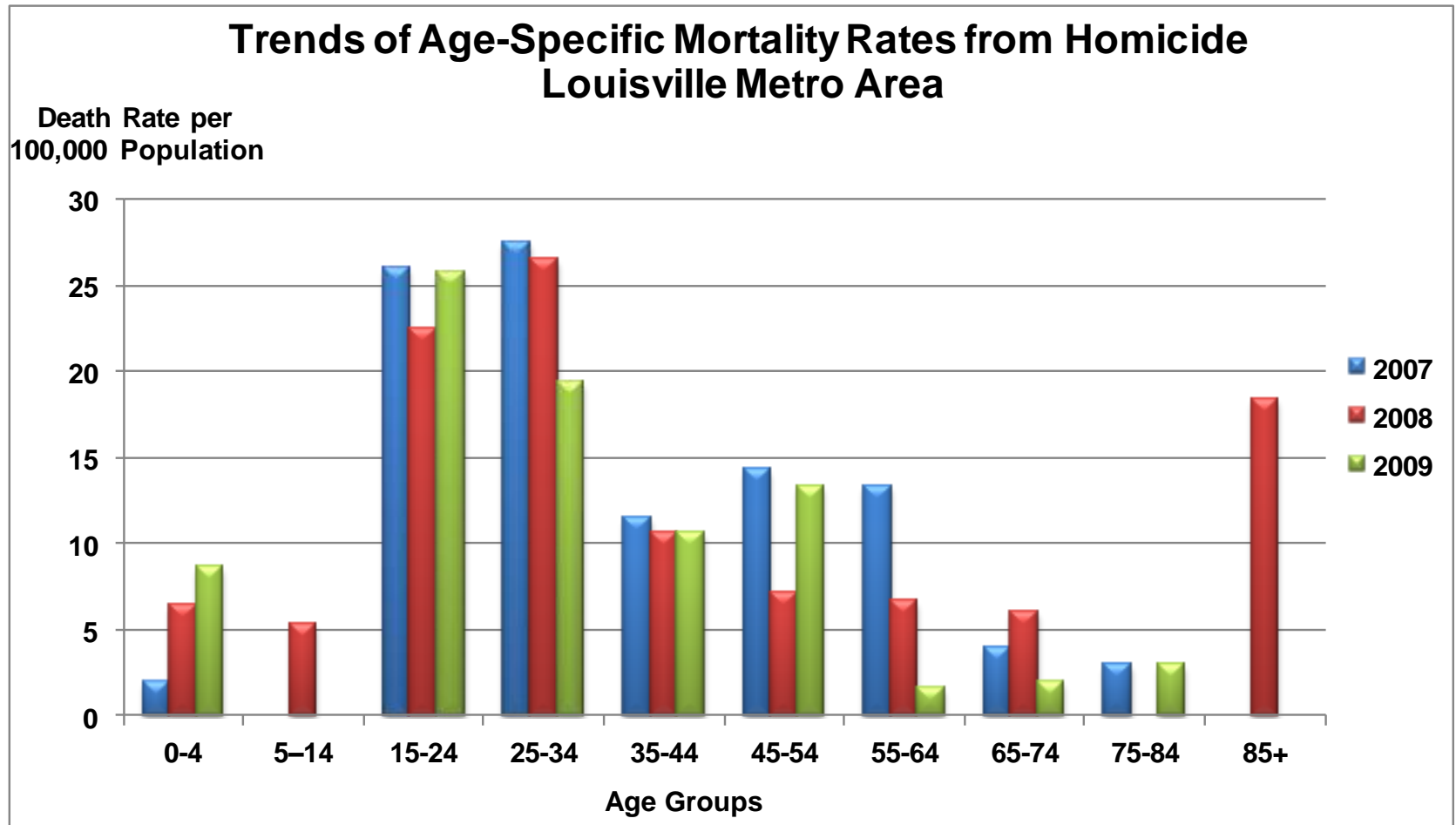
Diabetes Mortality



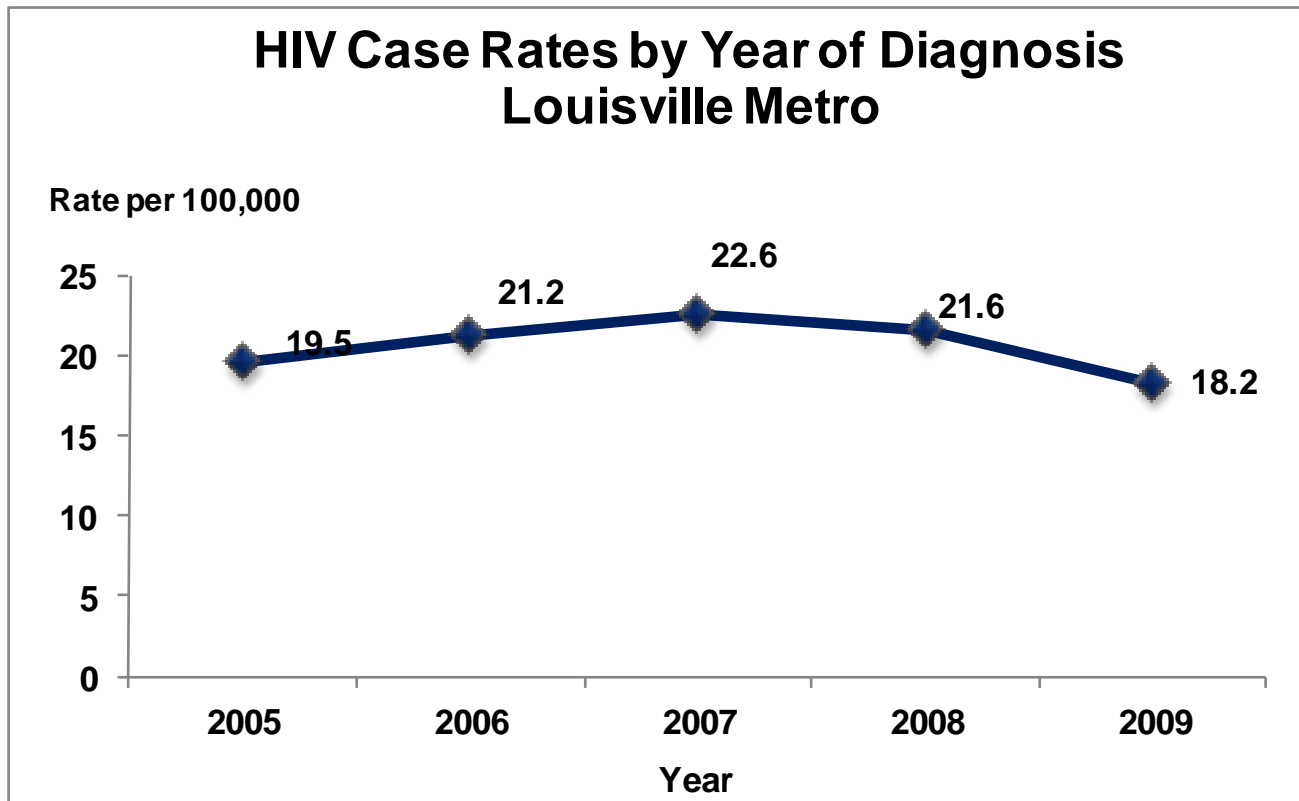
Homicide



Homicide

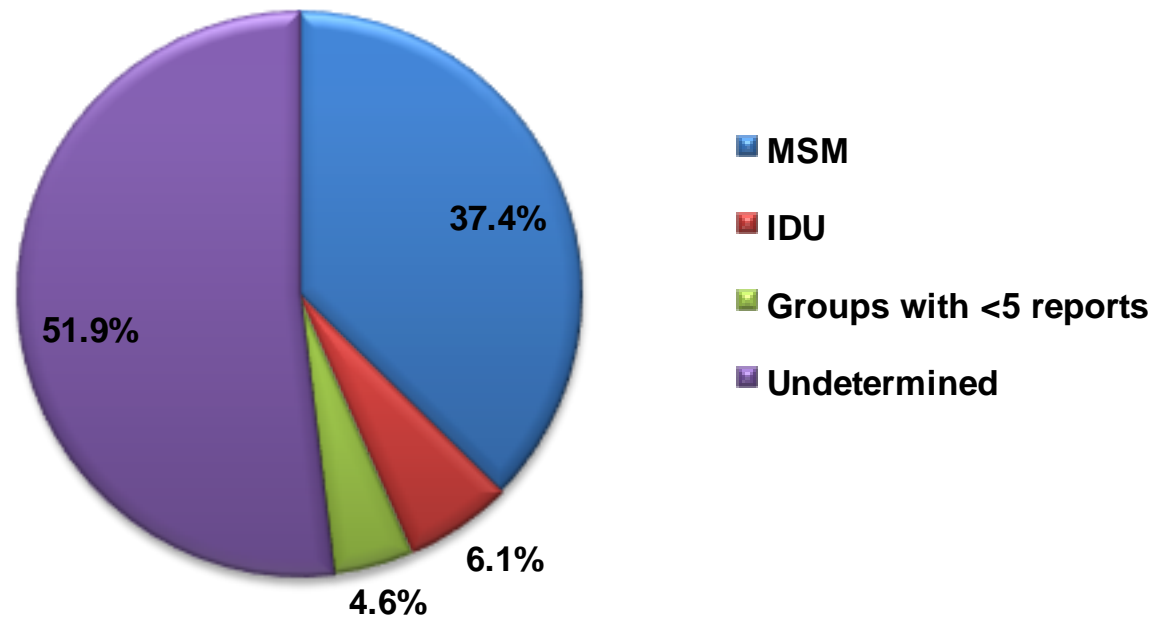


HIV

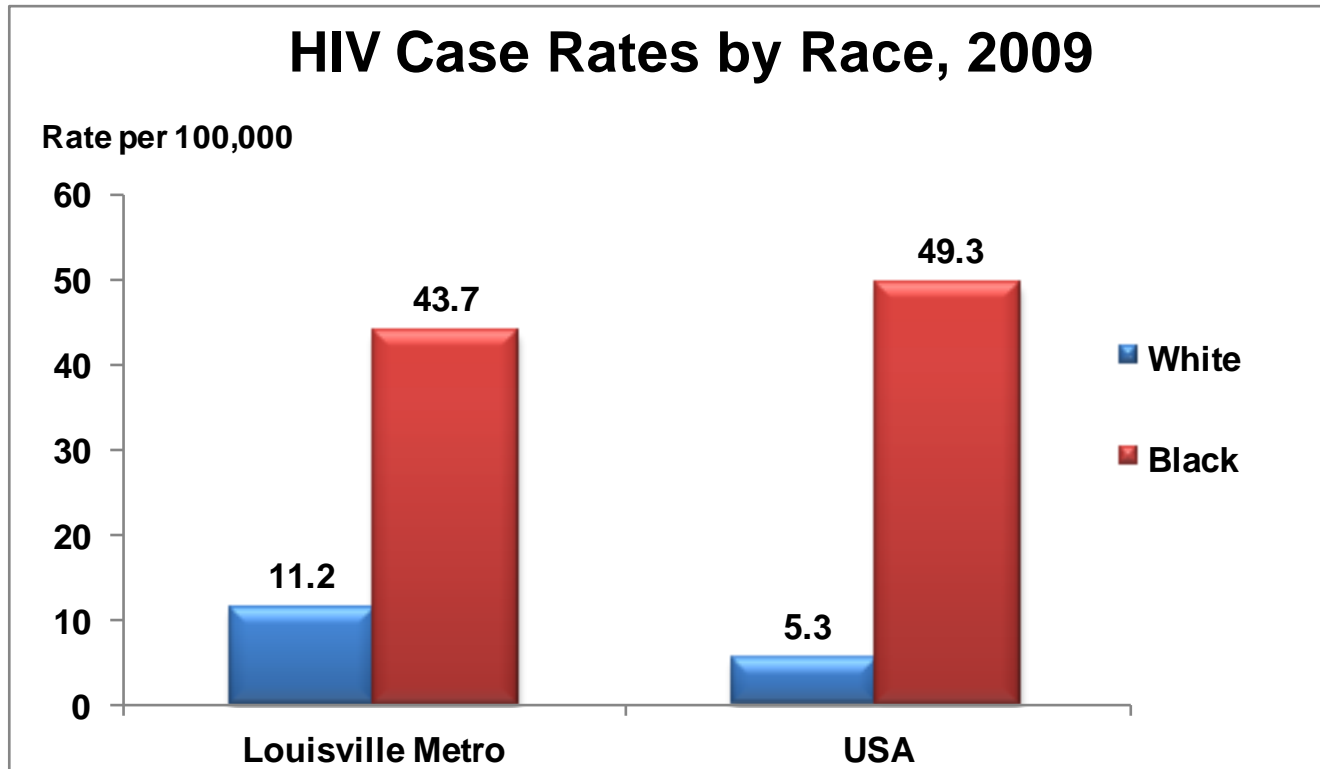


HIV

**HIV Mode of Exposure
Louisville Metro, 2009
For modes with 5 or more reports**

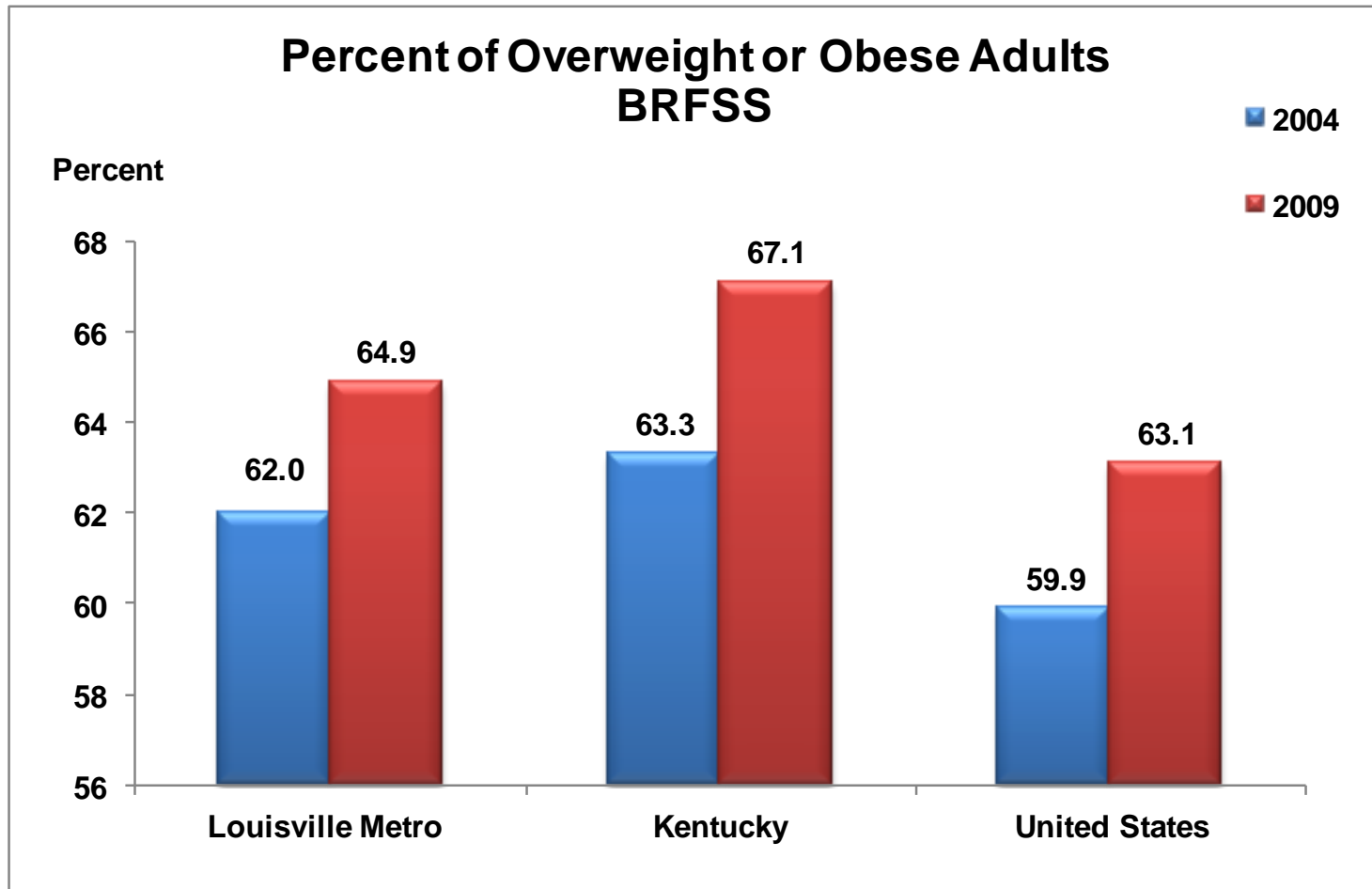


HIV

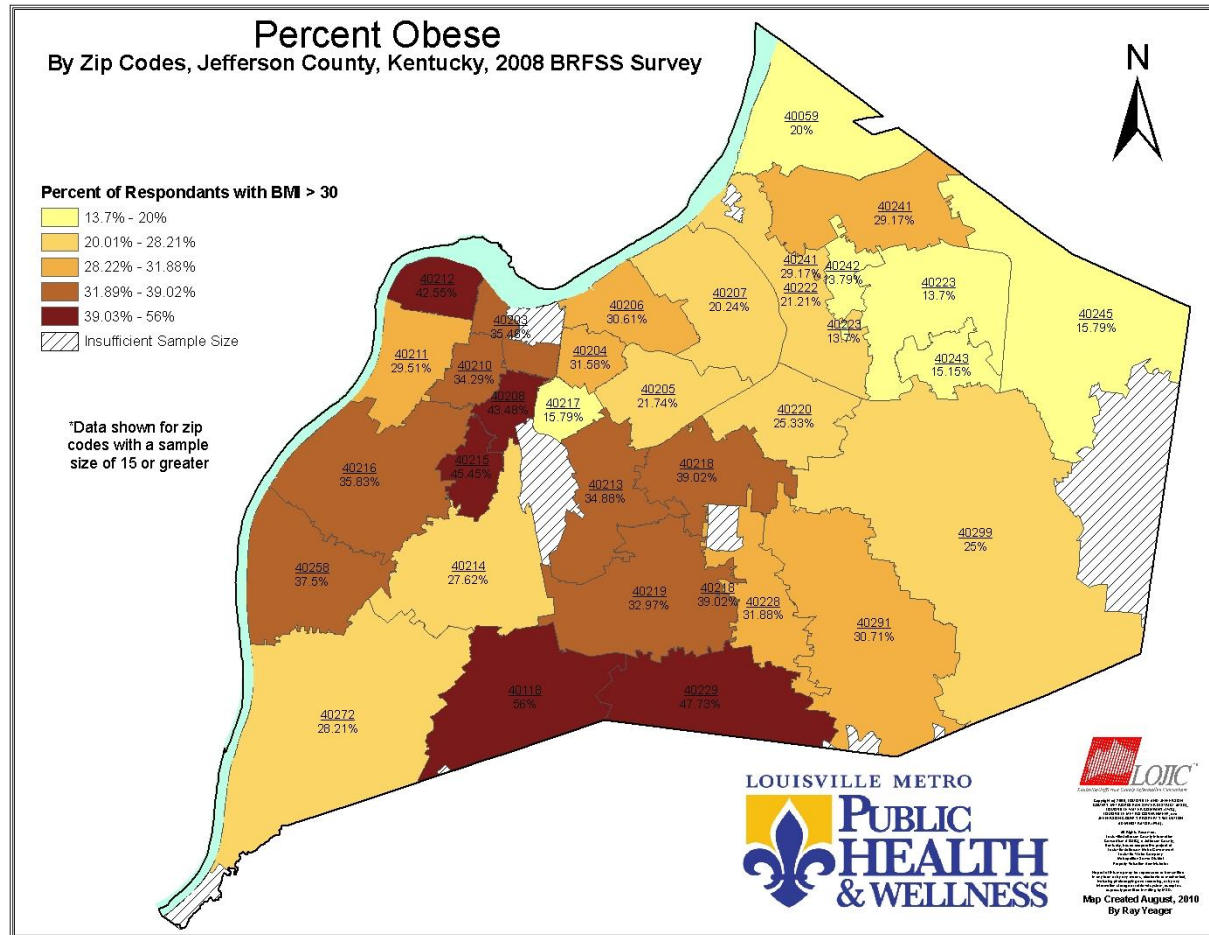


HEALTH BEHAVIORS

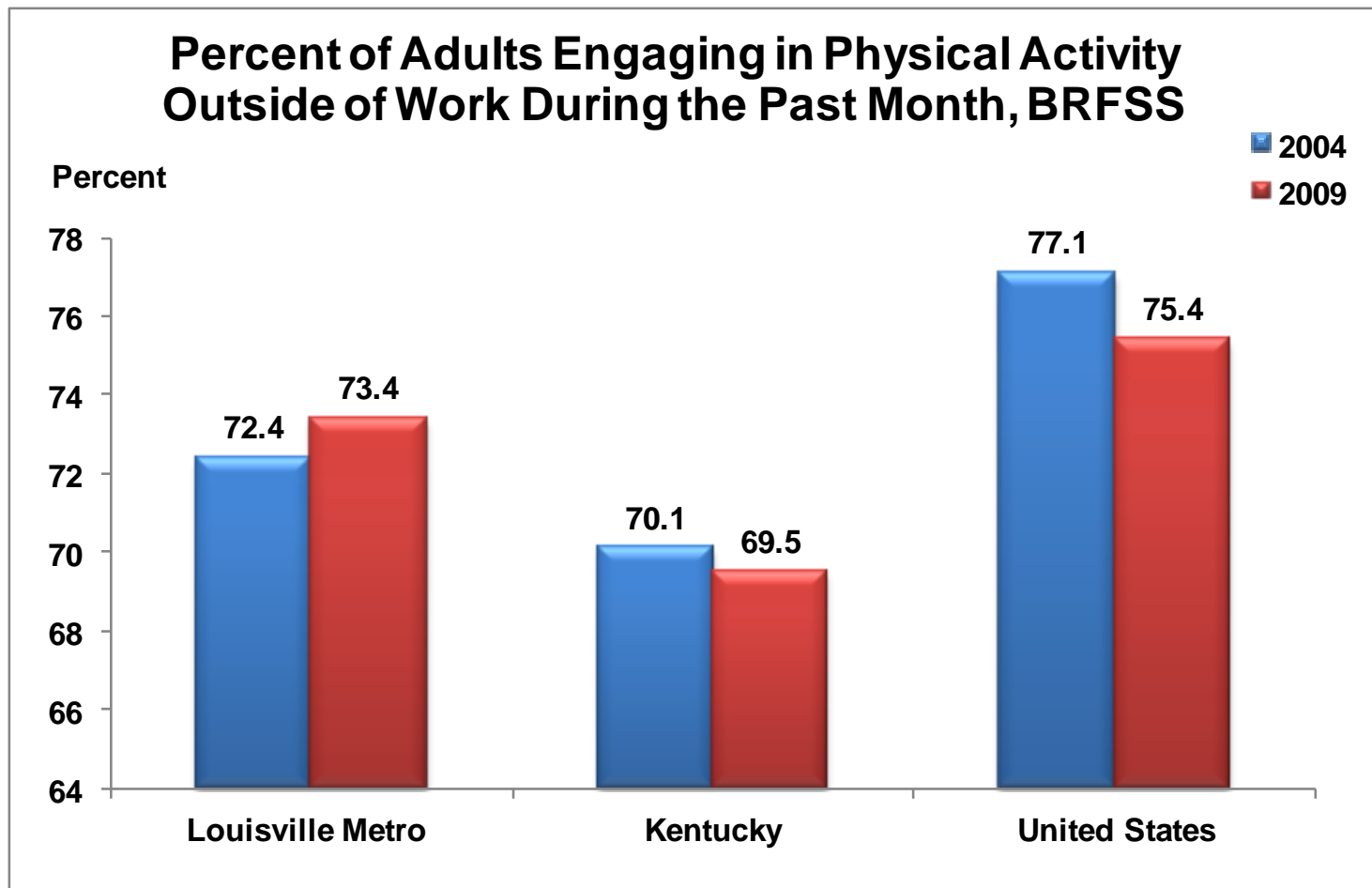
Obesity



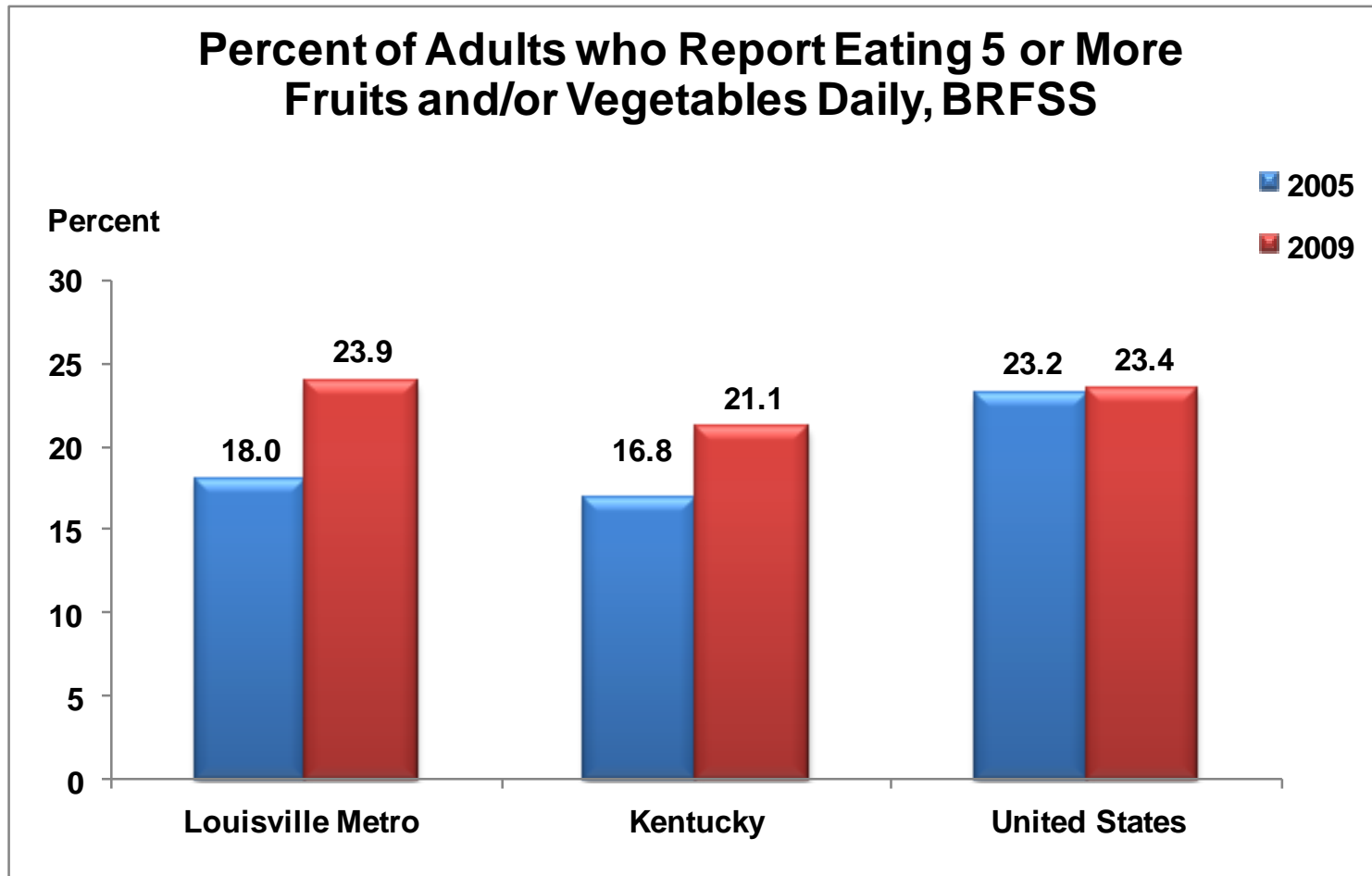
Obesity



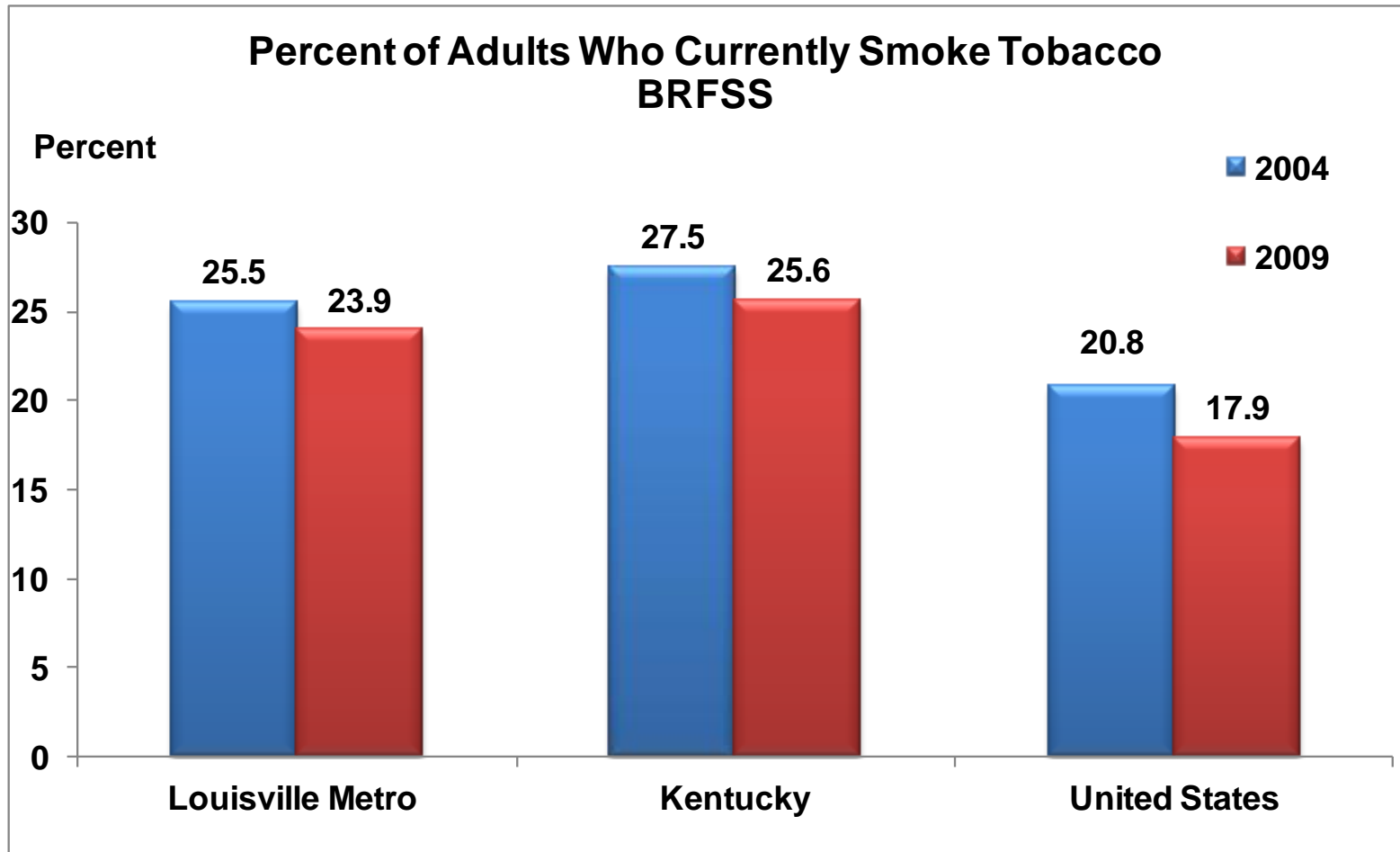
Physical Activity



Nutrition



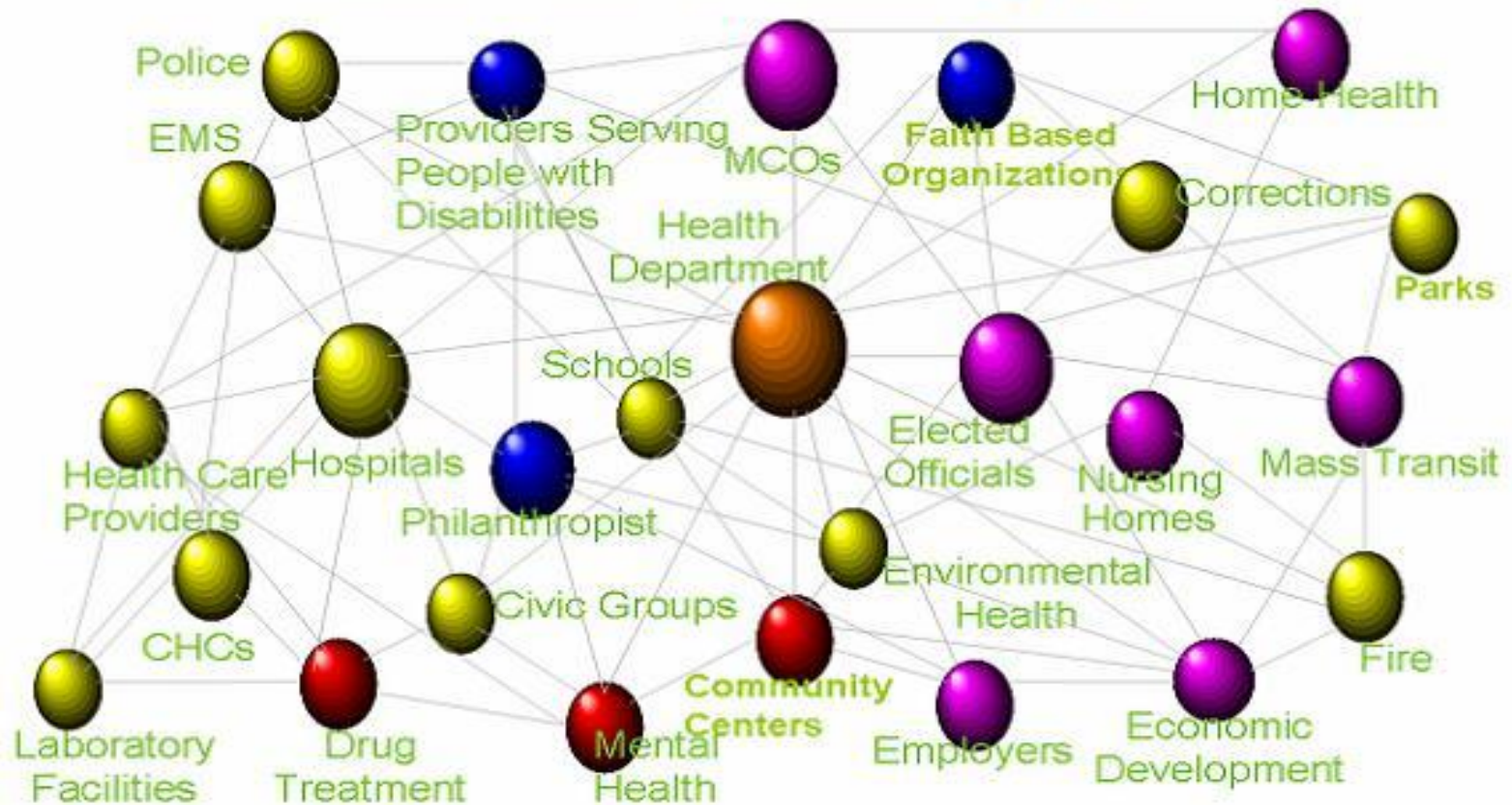
Tobacco Use



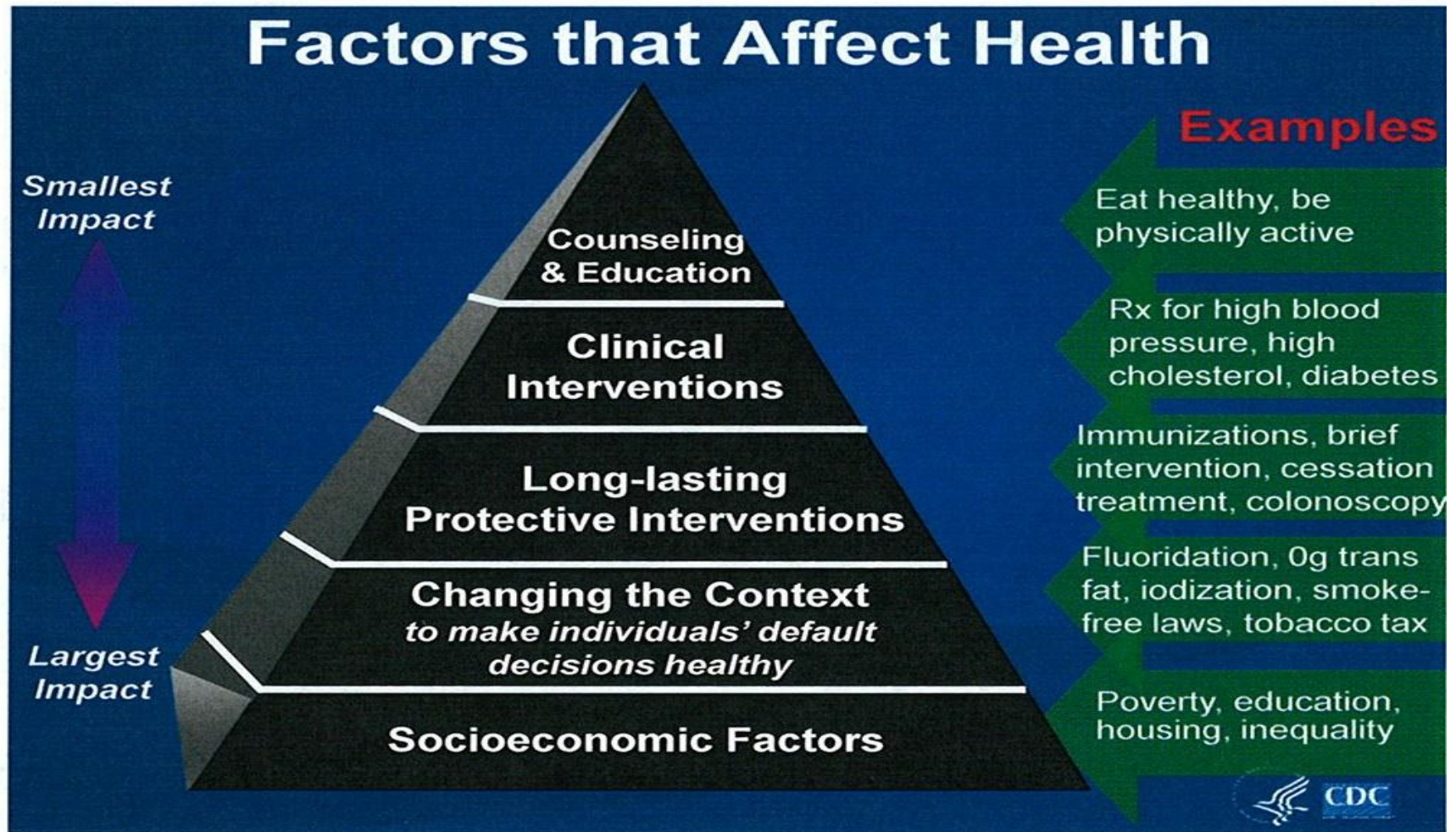
**HEALTH IMPACT-WHAT'S THE
ANSWER?**

What is Public Health?

Local Public Health System



How Do We Improve Health?



LMPHW Core Functions

- **Assessing the health impact of all policies** implemented at the federal, state, and local level
- **Educating the public on the intersection of health and other sectors** such as education, economic development, housing, public safety, transportation, and community development and planning
- **Assuring the provision of high quality clinical services** to the underserved and those who face significant barriers to health
- Fostering an **environment free of environmental health risks and hazards**
- **Ensuring adherence to community hygiene standards** that decrease risk for communicable/infectious disease
- **Building community capacity** to identify and address risks to health and well-being
- **Advancing community knowledge** of social determinants of health and health equity
- **Developing and maintaining public-private partnerships** to enhance the public health and healthcare infrastructure
- **Implementing programs and interventions that have been proven to work**
- **Evaluating** the effectiveness of public health policies, programs, and practices and making changes that are data driven

LMPHW Priorities

- Creating a culture of health and wellness in Metro Louisville
- Continued focus on social determinants of health and health equity
- Strengthening public-private partnerships
- Increased connection between public health and clinical medicine
- Outcomes driven approach to program and policy development

Community Transformation

- Tobacco Prevention and Control
 - Decrease secondhand smoke exposure
 - Decrease adult prevalence and youth initiation
- Healthy Eating and Active Living
 - Create environments that make the healthy choice the default/easier choice
- Increased Use of Quality Clinical Preventive Services
 - Age appropriate screenings
 - Community and healthcare facility partnerships
 - Patient-centered care

Mayor's Health Hometown Movement

Health Equity



Tobacco
Prevention and
Control



Healthy Eating



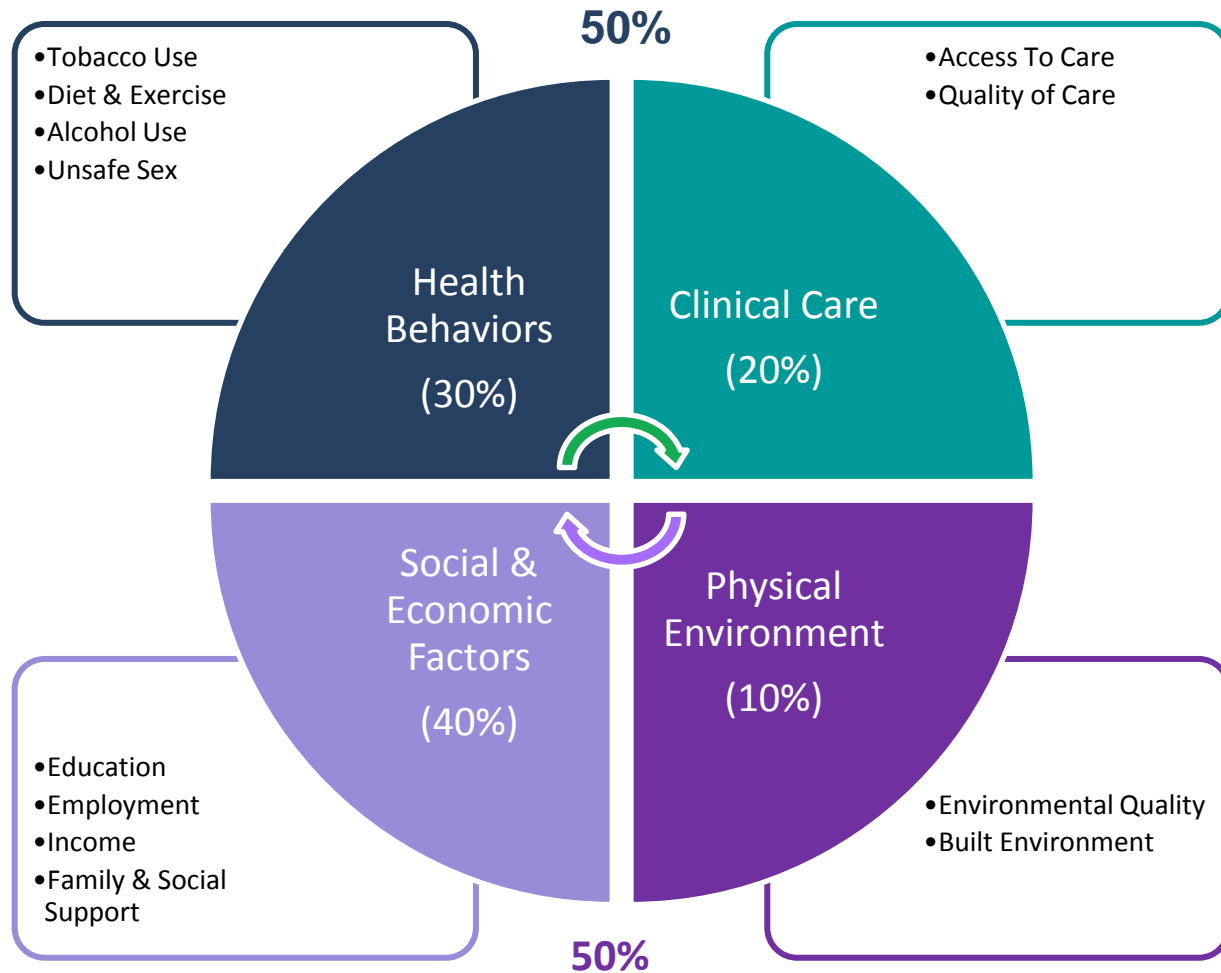
Active Living



Chronic
Disease
Prevention and
Management

Homes, Schools, Workplaces, Faith Based Institutions, Health Facilities

Social Determinants of Health



“Where We *Live* Shouldn't Determine How *Long* We Live”

Community Health Needs Assessment

- Why?
 - Need to understand the clinical needs and health seeking behavior of Louisville Metro residents
- How?
 - Community meetings
 - Understand access to care needs and perceptions of quality and efficiency of health care delivery system
 - Survey residents
 - Focus groups of health providers, community leaders, and key stakeholders

Community Meeting Dates

- **March 13th 6:00pm**
 - Nia Center
2900 W Broadway
- **March 15th 6:00pm**
 - Southwest Government Center
7219 Dixie Highway
- **March 27th 6:00pm**
 - Worthington Fire Station #1
9514 Featherbell Blvd
Prospect, KY
- **March 28th 6:00pm**
 - Okolona Branch Library
7709 S. Preston





Follow me on Twitter

@DrLNesbitt